IHAR PEASANT LIFE,

BEING

DISCURSIVE CATALOGUE

OF THE

oundings of the people of that province,

I MANY ILLUSTRATIONS FROM PHOTOGRAPHS TAKEN
BY THE AUTHOR.

red (in 1885), under Orders of the Government of Bengal,

BY

*EORGE A. GRIERSON, I.C.S., (RETD.), K.C.I.E., M.A.S.B., M.R.A.S.,

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IN GRATEFUL ACKNOWLEDGMENT
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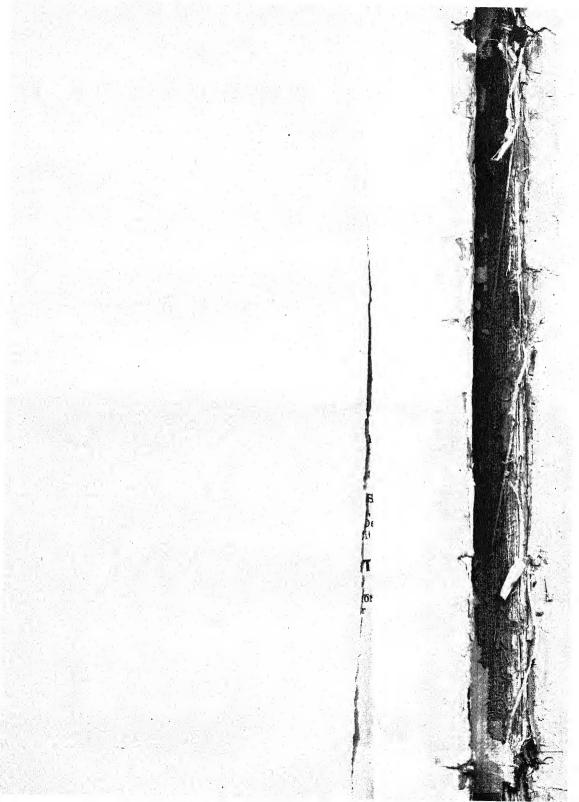
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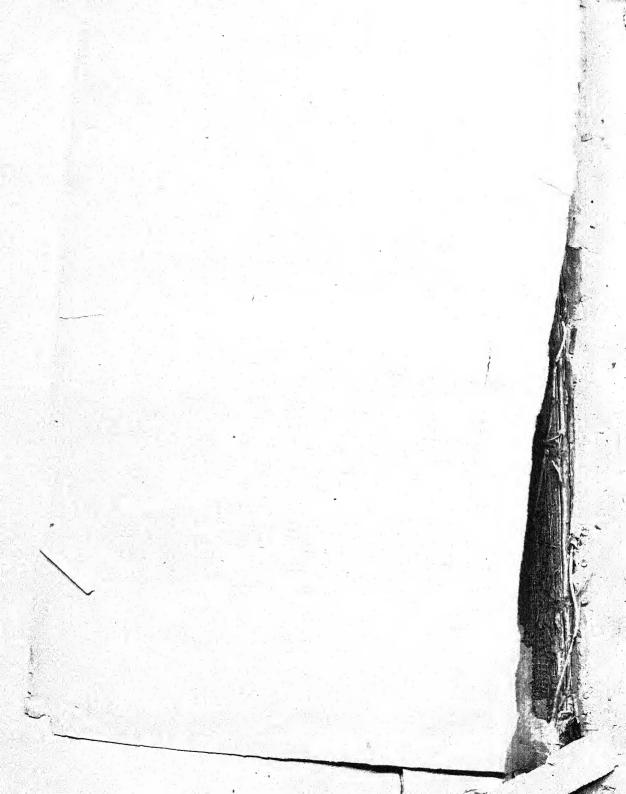
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4th April 1885.



FOREWORD.

The first edition of Sir George Grierson's "Bihar Peasant Life" was published under the orders of the Government of Bengal in 1885, and has for many years past been out of print. This second edition has been prepared under the orders of the Government of Bihar and Orissa, in consultation with Sir George Grierson, in order to place this valuable book again within the reach of its own officers and of the public. The book was compiled by Sir George Grierson during the early years of his service in Bihar, and has since attracted the attention of scholars in all parts of the world. Local customs are continually changing under modern influences, and Sir George Grierson's account of the everyday life of the Bihar pesantry in the latter half of the Nineteenth Century, may be expected to possess increasing importance as time passes. The first edition was copiously illustrated with lithographed plates and woodcuts taken from photographs; these original plates have been reproduced by the zincograph The reading of the proof was entrusted to Rai Bahadur Shyam Narayan Singh, o.B.E., who was assisted by Professor Radha Krishna Jha of the Bihar and Orissa Educational Service. The thanks of Government are due to both these gentlemen for the care which they have taken to produce an accurate reprint of the original edition.



INTRODUCTION.

Where this work professes to be a catalogue of the names used by the Bihar reasant for the things surrounding him in his daily life, yet, in order to relieve the dryness which such a mere list would possess, the writer has attempted to give a description, more or less complete, of that life and of its character and incidents. The book is in fact a discursive catalogue and it is hoped that it may serve as a solid foundation for more elaborate disquisitions in the Bihar raival his surroundings.

Such a work as this is nothing if not accurate, and no ordinary pains have been spared to compass the greatest accuracy possible. Existing treatises on Indian rural life are not always trustworthy; and as it is impossible to tell what is and what is not correct in them, the writer has avoided taking them as the ground work of his compilation. Every word in this book has been collected from the mouths of the people, and noted on the spot where it was spoken, either by the writer himself or by one of his assistants. When the work began to assume shape, it was carefully compared with every available book of reference and where discrepancies occurred, they were either reconciled or explained. Finally the proof-sheets have been circulated to all the Bihar districts, and have been again checked on the spot by competent observers, different from the original persons who collected the materials on which the book was founded.*

So far, therefore, as its contents go, this book may claim to be entirely original, and the writer hopes, to a certain degree, accurate. No originality can, however, be claimed for its general system and arrangement. This is closely modelled on Mr. Crooke's "Materials for a Rural and Agricultural Glossary of the North-Western Provinces

^{*} The writer would here tender his thanks to the various district officers of Bihar, who have spared no trouble in having this local checking performed in a satisfactory manner. The amount of new information gained, and of mistakes and misprints corrected through their help, has been very considerable.

and Oudh."* The writer has followed him very closely in the arrangement of his matter, and in many cases has not scrupled to use his very words when they were the most suitable that could be adopted. The vernacular words embodied in this book have in fact been brought together from two sources, viz., the writer's own private researches during the past seven years, checked and supplemented by actual translations of the words given by Mr. Crooke's work made oy the writer's assistants once and sometimes twice over in extery district of Bihar. It will thus be seen how much the wrater is indebted to the latter gentleman. Mr. Crooke's book differed from the present work in being to some extent a compilation from existing dictionaries; and as these were not all of them as ac urate as could be wished, it was impossible that it should not constain some mistakes. But as one who has probably worked timough it with more minute attention than most people, the writer gladly bears witness to its general accuracy. This was onsidered as really wonderful, when the extremely slovenly scholarship of some of the books on which Mr. Crooke had to depend is taken into account.

In the present work every native word is written twice over—once with accuracy in the native character for those who are able to read it and once in the English character for those who are not acquainted with the Indian vernaculars. This transliteration does not pretend to be scientifically accurate. Such a transliteration with its diacritical dots and dashes would only puzzle those for whom it is intended, viz., those who are ignorant of the language. All that has been attempted for them is to give them a general idea of the correct pronunciation of the words, without professing to tell them the exact pronunciation which they hardly require, and which would be difficult to do. For these persons all that is necessary is that they should pronounce the vowels as in Italian, and the consonants as in English, and they will then approach sufficiently near to the way in which the natives themselves pronounce the words.† For those who are acquainted with the

^{*} Allahabad, 1879. Printed at the North-Western Provinces and Oudh Government Press. The writer would take this opportunity of acknowledging his indebtedness to Mr. Crooke for this really admirable work. Without it the present book could never have been written without an expenditure of labour which few district officials like the writer would have been able to bestow.

[†] The system of transliteration adopted may be briefly described as the Jonesian system, with every possible diacritical mark omitted. In pursuance of this the cerebral letters are given no dots, and, as nearly every final vowel is long the long mark has been omitted from final vowels.

vernacular languages, no instructions for pronouncing the words in their vernacular dress are necessary

In quoting Arabic and Persian words in the Nagri character, the dots, which are sometimes used to indicate an original z, &c., are omitted, for the reason that the words are given as they are pronounced in Bihar, and that all the dots in the world will not make a Bihari pronounce a z as other than j, or sad as other than s.

In order to understand the meaning of the words which the writer has used to express locality, it is necessary to explain that, under the name Tirbut, he has included the whole tract which lies between the river Gandak on the west and the river Kosi on the east and which is bounded on the north by the Nepal frontier and on the south by the Ganges. He, therefore, indicates under this term not only the districts of Muzaffarpur and Darbhanga, but also North Bhagalpur and North Munger (Monghyr). This was rendered necessary by the language of these latter tracts being practically the same as that of Darbhanga. By North-West Tirhut he means the Sitamarhi and Sadr subdivisions of Muzaffarpur; by South-West Tirhut, the subdivision of Hajipur by North-East Tirbut, the Sadr and Madhubani subd visions of Darbhanga and the Supaul subdivision of North Bhagalpur; and by South-East Tirbut, the Tajpur subdivision of Darbhanga, North Munger, and the Madaipura subdivision of North Bhagalpur. By North Bihar he means all Bihar north of the Ganges, and by South Bihar all Bihar south of it. When he speaks of the east or the west, the north-east or the north-west, he means, of course, the east, west, north-east, and north-west respectively of Bihar.

One more word of warning regarding these localities. When the writer says that a word is used in a certain place, he does not mean by implication that it is not used anywhere else. He means simply that the word has been noted by him in such and such a place, and not elsewhere. That it may be used elsewhere is very possible, and any notes on this or kindred topics addressed to the writer, care of the Secretary to the Bihar and Orissa Government, Revenue and General Departments, will be gladly welcomed.

Regarding the illustrations, they are all (with one or two small exceptions) lithographed or cut on wood from photographs taken by the writer, who is glad to be able to thank Mr. Schaumburg and the students of the Government School of Art, Calcutta, for the excellent pictures they have produced out of what, he must confess, were too often

very indifferent photographs.* The difficulties experienced by the writer in taking some of these pictures were great. The most ludicrous reports spread through the city concerning his work. The camera of course was looked upon as a fearful engine of destruction, and sometimes half an hour has been wasted in futile diplomacy to persuade an old lady to allow the lens to be pointed at her. Under these circumstances photographs had almost always to be taken by the instantaneous process, which, however certain it may be in the hands of the professional, frequently disappoints the mere amateur. The last photograph the writer took—that of a native house—was spoilt because the grandmother of the family refused to allow any of the children to appear in the picture, her reason being that the Government was building the bridge across the Gandak and wanted children to bury under its foundations. Just, however, as the plate was exposed, one of the little boys determined to immortalize himself, and leaped in front of the lens to the dismay of the female members of his family. He had his wish in appearing in the picture, but he was so near the lens that he covered half of it with his shoulders. On other occasions the writer was believed to be collecting carts and boats for the Egyptian war, or to be counting the wells in the country, because he knew a famine was approaching, and so on ad infinitum. However, the pictures were finally taken, and, such as they are, are certainly accurate representations of the originals.

In conclusion the writer has to draw attention to the thoroughness and accuracy with which his assistants, Munshi Dilawar Ali and Munshi Moti Lal have done their portion of the work. The former has, the writer much regrets to say, died since the above was first written. The latter has been his assistant to the last, and the writer begs to record his high sense of his industry and intelligence, and to recommend his services to the favourable notice of Government.

^{*} This refers to the illustrations of the first Edition.

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Page 1-					
Section	2.	For	हें हा	read	ो उँठा।
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	Y	,,	मांना	33	माँचाः
,		"	मांजन	"	माँचन ।
, ,		99	ज्या	,,	ब्द् ठा ।
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	70		7	,	
Section	362	For	तिरि	read	वीरी।
91		"	ब् न्ही	23	क्ष्णकी।
,,			क्ष्की	22	क्की।
 	1	,,,	त्तरि) ,	बरो ।
33		1)	विर	,,	षीर ।
3)		3)	पखिर	,,	पखवीर ।
,,,		,,	तारावन))	तर्वन ।
13::			पन्नि	"	पन्नी।
"		"	जभेखा	,,	चिमेका।
2)		3 3	गाली खूटा	gt :	गली खूँटा।
, ,		***	खटा	,,	खुद्धा ।
2)		,,,	kharho	>>	kharko.
"		,,,	पोसाँर))	पौँसार।
"		"	पोसार	,,,	पौसार।
,,,	365	,,,	नोनीयाँ	,,	नोनियाँ ।
"		"	मोंहान	, ,	मोद्यान ।
. 3)	370	33	व्यावीसारा	3)	ष्यावीसारा ।
, , , , , , , , , , , , , , , , , , ,	375	2)	डेंड् वास	3)	डॅड् बॉस ।
,,	376	3)	हर क्स	,,,	हैंरक्स ।
	377	"	च्यु की	2)	हंसनी।
,,		1)	इसु या	,,	इ ँसुचा।
.= 	378	٠, و	गोल्वा	,,	गोलवाँ ।
.,	379	,,	खडारा	3)	खंडारा।
,,	384	,,	इनाम	73	इजाम।
,,,	388	,,,	इ री	,,	क् री।
,,	389	,,	टेडुबा	,,	ठ हुन्रा।
,,,,	893	"	केंन	,,,	के ग।
))		"	घोवियां	. ,,	घोविया ।
,,	394	22	বভাৰ	"	चखानी ।
22		1,0	rukhān	3 3 .	rukhānī.
33	402	"	पवाखं	• • • • • • • • • • • • • • • • • • • •	पकार्ड ।
,,	408	• • • • • • • • • • • • • • • • • • • •	वावरोष्टी	,	क्तरोष्टीं।
,,	407	,,,	वसरख्यर		कुमस्यायर ।

		4	8	- × .	
Section	n 407	For	मङ्द्र	read	मर्दे ।
29	408	,	टहा	2)	उँ हा ।
		9)	परवठ	"	परकड ।
"		,,,	परच्छा	"	परहट्ठा ।
,,,		2)	खङ्गठ	,,,	অন্ধ্রিত।
"		"	सुन्ना	,	सुन्न ।
"	409	· ,, :	घनमधी	٠ - رو	घनमधी ।
"	414	,,,	कटभांघो	,,	कठभाँघी ।
- 33		2)	पुर्"क	,,	पूँ क।
"		,,,	कौंड़ा kor		कौंटा konrhā.
. ,,	. kr.	"	बेंड्या		वेंड़िया।
93		1)	मं इरवा	मांघी,,	म इंग्डा भाषी।
1)	416	3)	इां यकल	,,	हाँयक्ष ।
* 2)		,,,	इ च्छी	,,	क्ष्की।
11	422	,,,	अघला	,,,	अधला ।
"	426	13	गुनि या	,,,	गुनियां।
. ,		. ,,	र्विल	,	रिब्बल rabbil.
2)	431) 3	कंड़िया	>)	र्वंडिया।
23		,,	मु'गरा	3)	मुँगरा।
,,	439	1)	सुनंगठी	21	सँजनाठी।
3)	454		मं ुच	n	मुँ इ।
,,,	465) 7	. माड़	3)	भा ष्ट्र ।
23	473	,,	बाद्दे खन्हा	٠,,	अप्रेड खम्हा
່າ		,,	स टका	2)	सटका।
. ,,	474	23	चिन chin	,,	चीन chin.
"	477	- 11	साटि	,,	चा टौ ।
"	480))	वेचोङ्ग	23	वेद्दोंगा।
"		2)	टिप्रा	13	टिपना।
"	487	".	पिड़िया	,,	पिद्यि।
"	400	2)	सिषा	,,	सिक्षा।
)) *	488	. ,,	भंड़िहार	3 3.	भाँड़िश्वर ।
, 33	492	"	चयि	,,	चपनी ।
25.	499	read	वेँची	before	kainchī.

Section	508	For	डरही danti	read	डरही dandi.
,,	511	2)	स्वीरिया	, ,	खोरिया।
	514	"	सोनग्रह् चासीनार	22	सोगगढु, आ सीनार।
•,	516	, .	कगम हों	33	कगम् भौं।
,,,		,,	बगम ही	22	वगमृद्धौँ।
3)	520	,,	स्वसनी	,,	खलगै।
/ e	523	,,	गोलभन्दी	22	गोलम् हीँ।
,,	527	13	chāha	,,,	chāhā.
3,2	529	,,	bhethi	23	bhatthi.
,,,	534	,,,	ां चा	,	ढोँ चा ।
"	542	,,	सन घोत्रा sandl	10ā "	सोनधाचा sondhoa
,,	54 8	32	टर्षा	,,	ठठेरी।
,,,	554	,,	घड़ीया '	"	घड़िया ।
) ;	564	9;	च कुरी	,,,	अँकुरी ।
	56 5))	क क बूद	3,	क्तलबुद् ।
. 23	566	21	वधवारी	3.9	वधवारी।
	566	22	क्षोटिवेँ धवारा	3>	क्रोटि वे धवारी।
33	572.	2)	ञ्जमहार	"	अम्हार ।
رر ا		"	क्षमहरा	,,	ज्ञम्हरा।
"		23	कु में है नि	, , ,	कुम्हीनी।
,,		25	कुम है इन	39	कुम्हें इन।
,,		,,,	कुम हैं नि	22	जुम्है नि।
,,	575.	,,	प ीड़	,,	पौँड़ें।
"		"	पिदुँरी	12	पिँदू, री।
,,,		,,,	पिटुँ र	12	पिछ्,ुर।
,,	ŏ76.	23	कटखयरौ	22	कठग्रथरी।
. , ,		,,	सचा	3)	सञ्चा ।
- 33	580.	33	गांड़ी	,,,	मोंड़ी।
,,))	कलबूत Kalabut		क्लान्त Kalabut.
		13	समहा	33	समृद्धाः।
" "	585.	,,	मो मी	22	फोँ फी।
"		,	That	33	That.
,,,		,	भुचस्य .	,, ,,	सुचस्या ।
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Section	585.	For	कुलिइया	read	कुल्हिया।
22		, ,,	Nas pal	,,	Nās pāl.
,,,		2,2	पड़का paraka	"	पड़ाका parākā.
,,,,		"	चौधड़ा	,,	चौघड़ा।
"		"	पडुका	2)	पदुका।
, ,,	592.	2)	तिजली	3,	तिज्वा।
7 22	595.	"	धिरनी	,,	चिरनौ।
"		1,5	घिरनई	3,	धिरगई।
່ມີ	597.	,,	च्तया चरक	3)	इतथा चरका
9)	602,	22	गुससी	, ,,	गुज्जी।
,	603.	2)	क्लसप	. ; >	कोलसुप।
12	604.	,,	चालनी	>>	चलनी।
13		"	टसब	2)	दूसल।
22		22	Tāsal	3)	Dūsal.
2)	606.	2)	तरक्षी	,,	तरहा।
9,5	609.	"	जङ्गीया	"	जँघिया ।
, ,		"	बटा	,,,	खूँटा।
		"	खन्ता	.,,	खुएटा।
23	612.	"	बा ड़ी	"	काँड़ी।
))		19	धुण्डी	23	घष्डी।
	614.	3 .	पक्षीया	>>	पुह्रिपा।
2)		1,2	मों इही	"	पोँ हो।
"	616.	"	घनकुटठी	"	धनकुट्टी ।
•	618.	"	सम या	"	समियाँ।
23	621.))	खोदक	"	खाँदक्।
	624.	"	ट्याव	72	टू गव ।
>>		,, ব	नकृता Janal Kutta	ور ا	न तक्का Jant Kuttā.
3 1	6 3 6.	22	पर्लंगरी	3)	पलगरी।
"	638.	,,,	पटौ		पद्धौ ।
	639.		न्यरांच	"	
ນ	643.	, ,,		23	व्यरांच ।
"	0 mo.	33	पसघा	"	प्यचा।
13		۱,,	पासघ	(د	पासँ घ।

Section	645.	For	भा वत	read	भ वता।
,,	646.	3.	धन ली	23	धन सी।
,, ·		,,	धर्गा))	घनी।
, ,	649.	21	टगनी	2)	ट ँगनी।
3,7	651.	21	वह गी	"	वश्वारी।
"	652.	3)	विङ्डो	23	वि इंड़ी।
,	654.		हें गु री	3)	ठें गुरौ।
33		,,,	फटी	,,,	पट ्ठी।
	655.	"	केगुन बहुतही	53	में गुन बहुतहाँ।
1)		37	लाउ	23	बाठी।
3 1	656.	٠,	पांती	"	पौँ ती
"	657.	37	बद्दगी	٠,٠	वहंगी।
31		2)	विह्नग	"	विचि गा।
	662.	- >>	सिधीरा	,,,	सिँघींरा।
33		,,,	चिगीरी	"	हिंगीरी "
33	666.	, ,,	बटु	"	बट्टू।
21	669.	,,	खं खाहरा	"	खंखरहरा।
,,,	677.	21	ड म्मा	2)	डुब्सा ।
,,	680.	"	मलगिया	,,,	मवर्शिया।
,,	685.	,,	भाभरा	"	क्त कारा।
,,	688.	,,,	सिङ्गी	"	सिङ्घी।
,,,	690.)	डमा	"	डग्भा।
,,,	694.	>>	नू ['] ड़	33	कू ँ ड़ ।
,,	703.	,,,	बिउटा	"	ৰিভ'তা।
"		"	चु टा	,,	च्ँटा।
9)	704.	,,,	सं ड़री	,,	सँड्सी ।
"	708.	,,	पनबटा	33	पनवट्टा।
"	710.	13	लूड़ा	37	स ूँड़ा।
. 39		"	नुड़ा		नूँड़ा।
.	711.	,,,	पनवटा	"	् प् न बट्टा।
,		2)	सिखच[, ,,	सिंखचा।∗
"	718,	,,	भ ँवस्वत	v	च्यँ वास्त्रता।
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Section	713.	\mathbf{F} or	कंटिया	read	क टिया।
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,,		,,,	नू [*] ख़	> >	क्रूँड़ ।
,,,		33	नू इंग	, , ,	क् ंड़ा
			चटी	, ,	चट्टी।
')		"	चांपी Chanmp		चौंपी Chaumpi.
***		"	क् ं ट्र	3)	क्टाँट, ।
',		"	भावही	17	भाव हो ।
,,		3)	टइ या	,,,	टुइँया।
"		ر,	तरकटा	,,	तर्कट्टी ।
))		2)	मंगरा।		मँगरा।
3)		"	महिया महिया	, 0	मिटिया।
29		3)	ह्र ड़िया	39	• इंडिया।
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		• 5)	ह (ड़्या ह'डोला		हं डोला।
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))	715.	"		"	दावि ।
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	722.	"	ঘ ৱী' ৰী	3)	
. ,,	723.	,,,	लग्गा	"	जुग्गा।
"		, ,,	र गा))	नुँगा।
"	724.	33	दीपटटा	21	दोपटा।
23	725.	. ,,	चरपिलया	"	चरपलिया।
33	726.	23	बङ्गी	2)	লুঙ্গী।
"		"	सगौटा	53	लँगोटा ।
,,))	कचा	21	विच्छा।
,,	727.		जंधिया	"	ज धिया
>5	729.	,,,	सुग्ही	ננ	सु खी।
` »	730.	,,,	चाह्र	"	चह्र।
,,	731.	25	लें द्वाप	,,,	वेद्याम ।
53		"	खें दरा	,,	खेँ घरा।
,,,	733.	. ,,	च गोक्स) ,	च्यँगोक्स ।
",,		, ,	जुगो	. כנ	लूँ गी।
2)	735.	,,,	Kharaul	22	Khorāoņi.
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735.	For	वाधा	read	बाघा ।	
736.	79	जनेजग्रा	23	The second secon	
737.	33	ध्रससा	,,	घूस्सा ।	
	,,	पचहतथी	33		
		क्चित्रयी	,,	इ ह्यो।	
740.	33	खिल ू आ	93		
		ल गरो	31		
		ल गरिय	9)		
		न्यारी	"	चुगरी!	
741.		अंचरा	"	अँचरा ।	
- 1.0		बान् ह	2,	वान्छ।	
743.		तं हुगा	33 -	लँहगा।	
		घ'घरा	3,9	घँघरा।	
		घ घर	٠, ١	घँघर।	
744.		अ ङ्गिया	,,,		
	• ,		,,		
			,,	इँगुर।	
*		वं नीया	3)		
748.		कांटा		काँटा ।	
		सन् जाप	- 2)	सञ्जाप ।	
	,,	सजाफ	93	सञ्जापा	
747.	, e e	सिंचारा	, ,,		
750.	1 1	सतर जी	3)	स्तर्ञ्जी।	
255.	,,	बद्राक्	,,	्र बहाक् ।	
	,,	मुगवा	,,	म्ँगवा।	
	,,	स्या	55		
	33	गौप	,,,		
756	"	च गुटी	"	खाँगुठी।	
		ए'ट आ	,,	गेँ ठूचा।	
נו					
,	"				
,, HLM	,,,				
" 757	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	पहुचा	,,		
	736. 737. 740. 741. 743. 744. 745. 747. 748.	736.	736. , जनेजआ 737. , घूससा	735. For वाधा read 736. , जनेजन्रा ,, 737. , ध्रम्म ,, 737. , ध्रम्म ,, 737. , ध्रम्म ,, 738. , जनेजन्रा ,, 740. , ध्रम्म ,, 740. , खिल्नु ,, 741. ,, 741. ,, 742. ,, 743. ,, 744. ,, 745. ,, 746. ,, 747. ,, 748. ,, 747. ,, 748. ,, 747. ,, 750. ,, 747. ,, 750. ,, 747. ,, 750. ,, 747. ,, 750. ,, 748. ,,	735. For वाधा read वाधा। 736. , जनेजजा , जनेजजा। 737. , धूससा , धूस्सा। 740. , धूससा , धूस्सा। 740. , खिल्जु , धूस्सा। 740. , खिल्जु , धुम्हिमी। 741. , खंचरा , जुगरी। 743. , जंदरा , जुगरी। 744. , खिल्जा , जंदरा। 745. , चंदरा , घंचर। 746. , खंजु , चुम्हिमी। 747. , द्रापुर , द्रापुर , चंगुर। 748. , जंदरा , स्वाप , स्वाप । 748. , स्वाप , स्वाप , म्या। 748. , स्वाप , स्वाप , म्या। 748. , स्वाप , म्या। 749. , स्वाप , म्या। 750. , स्वराह , स्वाह । 750. , स्वराह , स्वाह । 750. , स्वराह , स्वार , म्या। 750. , स्वरी , म्या। 751. , स्वरी। 752. , स्वरी। 753. , स्वरी।

Sectio	n 757.	For	तौंतो	\mathbf{read}	वैंतौ।
	750			read	
"		,,,	जवा	2)	जावा।
"	7 59.	92	घुड़र	33	घु घुर।
31		,,,	घ हु र	,,,	घुँ घुरा।
"	760.	27	च गुठा	,,,	च्यं गुठा।
,,,	762.	,,	संगटीक	,,	म टीका।
19	763.	,,	क ्ञ्की	. 9 3	छ्,च्छी।
"		, ,	क् चकी	53	क् च्की।
33	764.	22	खुटटो	, ,,	खट्टी।
"		. ,,	क्तू स्मक	31	भा्मका।
,,	765.	, , , , , , , , , , , , , , , , , , ,	ज्यान्	" "	जुगनु ।
"		"	इं सुली	"	चँसवी।
,,		,,,	खिमया	:5	खंभियां।
12	766.	,,,	खंचरी	,,	य चरी।
"	767.	33	वस्राठा	اور ا	वसुग्ढा।
,,		"	बह्दा	2 23	बह्दरा।
		33	वज्ह्या	,,	बजुह्या।
2)	768.	3)	वंकना	3)	क किंगा।
,,		"	वाकानी		वाँ वानी।
33		12	काराना		कँगना।
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9)		,,	क्याडा	, ,	क्षा Kandā
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,,	931.	22	खिसकटटी	"	खिलकट्टी।
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"		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	च्र टिया	33	व्य टिया।
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"	985.	22	ग्रे ह्या	23	गेँ चुच्या।
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"			खमद्दार	,,,	खम् हार।
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,,	987.	,,	मुद्रैया	"	सुदया ।
"		29	वसर	"	वष्माङ् ।
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"	1005.	23	नेवासी	"	केवाची।
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,	1056.	29	सपारौ	3)	सुपारी।
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"		,,	पनिद्यौद्य	22	पनिहीआ panihauā.
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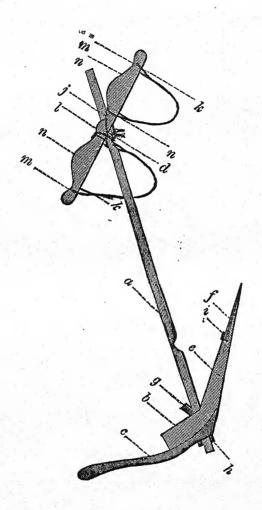
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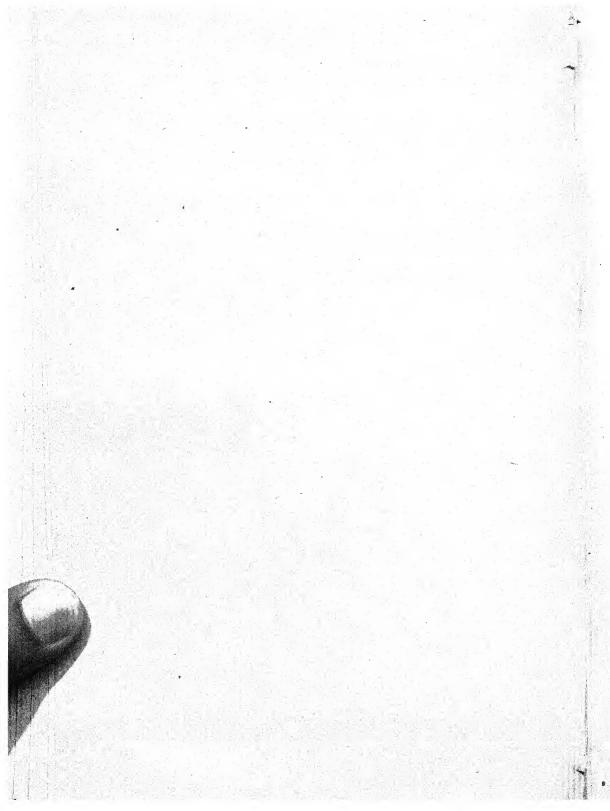
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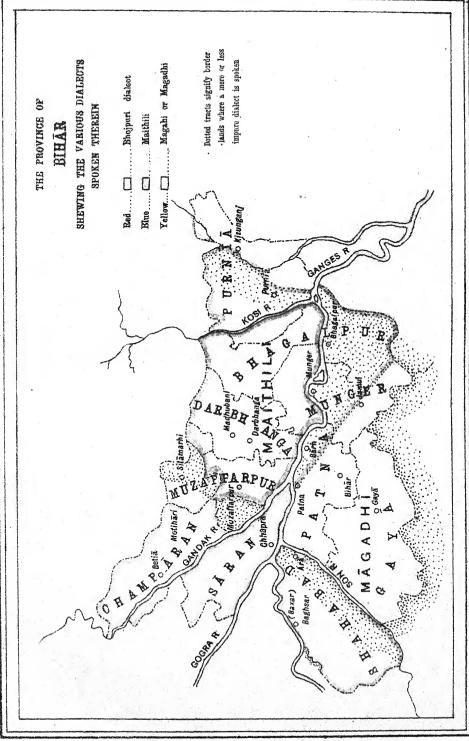
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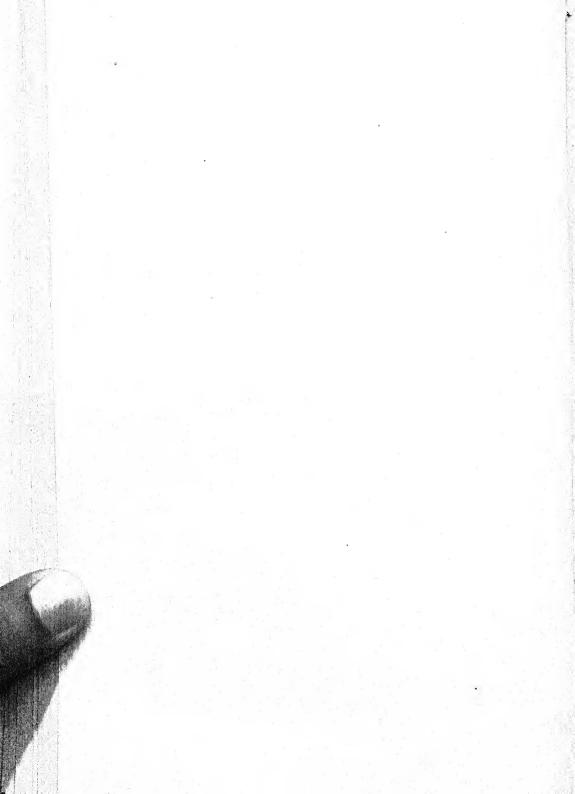
The Country Plough.

(Note. The front portion of the body is given in section, so as to show the position of the share.)





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IMPLEMENTS AND APPLIANCES

USED IN

AGRICULTURE AND RURAL MANUFACTURES.

SUBDIVISION I.

IMPLEMENTS USED IN PREPARING LAND FOR CULTIVATION.

CHAPTER I.—THE PLOUGH.

- 1. The ordinary country plough is generally known as হুং har Sometimes the Hindi form of the word, হুল্ hal, is used. In Gaya, the word জাঁমল্ lāngal is also used.
- 2. दिनोरी khinauri is used for an old or worn plough. In the South-East and in North-West Tirhut this is देंद्री thenthi, and generally over North-East and South Tirhut देंद्रा thentha. In Shahabad it is खुटहरा khutahra. A new plough is नवटा nawathā or नौटा nauthā to the west, नव्य nawghar in Champāran. and खबटा lawatha generally over North-East and South Tirhut.
- 3. In West Bihār and South Bhagalpur साँग sānga, and in South Munger साँगह sāngah, mean the plough and all its appurtenances, as in the sentence साँग (or हर साँग) लेने आव विद्यार sānga (or har sānga) lene āw bahiyār,—bring the plough, &c., to the field.
 - 4. The various parts of the common plough are as follows:-
- 5. The beam (a).—North of the Ganges this is Ett haris, and so also in Shahabad. In East Tirhut it is also called Ett haris. In Patna, Gaya, and South Munger it is the saurh. In South Bhagalpur it is the haris is, however, understood more or less everywhere.

6. The body (3).—This is everywhere Et hara.

- 7. The handle or diff (c).—In Shahabad and north of the Ganges this is परिच्य parihath; in the eastern portion of the latter tract it is also जामन lagan. जामा lagnā is used in South Munger, Patna, and Gaya, and नामनी nāngano in South Bhagalpur. In South-Western Shahabad परिचन parihat is used. The knob at the end of the body near the handle is in Patna चंदना chandwa, in Gaya चाँदो chāndi, north of the Ganges and in Shahabad मंड mutha (or in the south-west of the district चंद्र जो chanduli), and in the south-east म दिया muthiyā. In South Bhagalpur मन्द्री makari is a piece used for amending it when broken. The first, second, and fourth names are only used if it is a separate piece of wood.
- 8. The notches on the beam (d).— by which the share is raised or lowered.—In Sāran दिए kherha, in Gaya दिए khenrhi, and in Shahabad दिए kherhi. In Patna they are दिहा khehā, in Champāran द्वारा khātā, and throughout Tirhut द्वारो khārhi. In South-Eist Tirhut, it is also द्वार kharha, and in South-East Bihār दिए। khonrha or कार kārh.
 - 9. The sole (e).—in which the share is fixed.—

In West Bihār, it is टोर् tor or टोरा torā. In East Bihār, it is नास nās or नासा nāsā.

North of the Ganges the thicker end of the sole is called माँच mānth or माँचा māntha.

- 10. The share (f).—Everywhere भार phār. In North-East Tirhut also भारा phārā or भाजा phālā, and in South-East Tirhut, also जोहामा lohāmā.
- 11. The wedge fixing the beam to the body (g).—North of the Ganges and in Shahabad and South Munger, this is $\Psi \in p\bar{a}t$. Variants are $\Psi \in patt\bar{a}$ (Gaya), $\Psi \in p\bar{a}t\bar{a}$ (South Tirhut and Patna), and $\Psi \in p\bar{a}t\bar{a}$ (South Bhagalpur).

A second wedge is sometimes added, which is known as चेती chailī everywhere north of the Ganges and in Gaya and the southwest, and also as चेल्ली chelkhi in South-East Tirhut. In East Tirhut it is also called चेरी cheri. Another name is पाचड़ pāchar (in North-East Tirhut and Shahabad), or पचड़ी pachari everywhere south of the Ganges. In South Bhagalpur, it is called उपर पारोपpar pāto.

12. The peg (h) passing through the shaft at the end, to prevent the body coming off.—This is acted barain generally, or accoming

in Champāran and Tirhut; the latter is also used in South Munger. Other forms are बर्ग baren in North-East Tirhut, बर्इन barhan in Sāran, बर्गा baraini in Patna, and बर्ग baran in Shahabad. Other names are सम धरिया sabhadhariyā, सत धरिया sata dhariyā, in Patna, and समझ् sabhadhar in Gaya, because it holds the whole plough together. Also तरेल taraila in South Bhagalpur, तरेली taraili in South-West Shahabad, and इसना humna in Patna.*

- 13. The iron clamp (i) for preventing the share falling off.—
 ক্ৰেন্ত karvār or ক্ৰেন্তা karvārā everywhere to the west. A variant is ক্ৰেন্ত karvāri (Patna, Champāran, and West Tirhut). In South-West Shahabad it is also called ভাষা khūrā. In Patna it is also called ভাষা jonkā, and the same name is current all over Bihār. ভাষা jonkā and ভাষা chobhā are also used in South-East Tirhut. In North-East Tirhut a wedge is also used for the same purpose, and is called মাধা gāsā.
- 14. The yoke.—North of the Ganges always ঘালা pālo; so also in Patna, Gaya, and South Munger, with a variant ঘাল pāla in South Bhagalpur. In Shahabad and Gaya, the word is generally মুখাত juāth, which is also sometimes used in Sāran and the east. Sometimes it is made up of two bars. The upper bar then is considered the yoke proper, and is hence usually called the মুখাত juāth. The lower bar is generally নাইবা tarsaila.

This double-bar arrangement is not commonly found in the plough yoke. It is more usually met with in the yoke for well irrigation (मोद mot); As a general rule पालो pālo or जुआउ juāth (according to locality) may be safely used for the single-bar plough-yoke and for the double-bar irrigation yoke, and जुआ juā for the single-bar eart-yoke. See § 938.

- 15. The outer pins, which join the two bars of the yoke, are सेना saīlā or समेन samaila to the west and क्लिस kanaila to the east. They are also क्लिक्सी kankilli in South Bhagalpur.
- 16. The inner pins are समेल samaila or (Patna and the southeast) समेला samailā and (Gaya) समेथा samaiyā.
- 17. The leather thongs (j), which attach the yoke to the learn of the plough.—These are from Patua to the east of the South Gangetic tract, and in Champaran, বাহনু nāran, with a variant আহনী larani in

^{*} About हुम्ना humna there is a story of a Jolha (the proverbial fool of Bihar stories) who found a humna on the road and cried out in his foolishness प उन्हें इम्ना, खेतीकरव बनाय paon har ke humnā, kheti karab banāy,— I have found the rear peg of a plough, I'll turn a farmer at once.

North-West and South-East Tirhut, and optionally जारन lāran in South-East Bihār. नाधा nādhā and नरेजी naraili are used in Shahabad, and variants of the former word occur in जरहा ladaha (South-East Tirhut), जधा laidhā or जाधा lādhā (North-East Tirhut), and हर जधो har ladhi or हर्नाधा har nādha over South Tirhut generally. नाधा nādhā is also used in Gaya. हर्नाधा har nādha in Sāran is only used when is also used in Gaya. हर्नाधा har nādha in Sāran is only used when they are of string. When they are of leather, in that district, they are called दुआली duālī. South Bhagalpur has होंडा donrā or जधा ledhā.

- 18. The ropes (k) which go round the bullocks' necks.—These are everywhere except in the extreme west जोता joti. In the extreme west (Sāran, Champāran, and Western Shahabad) the masculine form, west (Sāran, is the usual one. In North-East Tirhut they are also समेल samel or समेल samail, and in South Bhagalpur फॉसर phānsa.
- 19. The projecting knob (i) in the middle of the upper part of the yoke.—Round this the thongs which fasten the yoke to the beam are fixed. This is everywhere মহাইবা mhaādewā. Variants are মহাইবা mahādeo (Patna and Gaya) and মহুবো mahdawā (South Munger). In Sonth Bhagalpur it is মানাবাৰ manjhwāra.
- 20. The notches (m) near each end of the yoke.—To these the ropes which go round the bullocks' necks are fixed. These are खाँड़ी khānrī in Patna, with variants खाड़ी khānrī in South-East Tirhut and खंडी khenrhi to the west. South West Shahabad has खड़ी khuddhi. In Gaya the word used is कारीसी kanausi, and in South Bhagalpur खात khūta, while सिमल simal or नक्टी nakti are optional names in South-East Tirhut.
- 21. The leaf of the yoke (n).—This is মধা pattā, মনা pallā or (in South-Munger) ঘনই palaī and (in Sāran) ঘানা pātā.

22. The trough in which the share lies when fixed in the body is

खोल khol, or in South Bhagalpur खोली kholī.

23. The bamboo whip with which the bullocks are driven is unit paina, and its lash is test chhiti in North-East Tirhut. Other names will be found in § 98 and ff.

24. A drill plough.—This is generally टार् tar, with variants in South-East Tirhut टाँड़ी tānri and टोर् tor in South Munger. The share is टाइडे tarasāi. खिला khillā is the nail which fastens the share to the body. The bamboo pipe is in West Bihār बाँखा bānsā, also sometimes बन्धा bansa in Shahabad. In East Bihār, this is generally चाँबा chongā, except South Munger, where it is इर चाँड़ी har chānṛi.

The cup at the top, into which the grain is poured, is in West Bihār माला mālā or मल्बा malwa. In East Bihār it is पेला pailā (sometimes spelt पदला pailā or पएला paela) or माली mālā. In South Munger, it is also उत्तरी ukhri, and in Patna अस्री akari.

25. The sharpening of a ploughshare is called as follows in the various districts:—

Shahabad : धार् पिटावल dhār pitāwala; or in the south west of the district धार परगावल dhar phargāwala.

Patna : धार् असराएव dhār asrāeba.

Gaya: असार् asār.

South Munger and South Bhagalpur: धार पजान dhār pajā wa or असार asār.

North of the Ganges generally : धार पिटावल dhar pitawala.

Also, North-West Tirhut and Saran : धार पिनावल dhar pijawala.

North-East Tirhut : धार बनायब dhar banāeba.

South-East Tirhut : फार् कराजाएव phār karā lāeba.

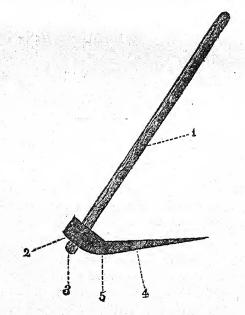
26. When a man wishes to plough deep he harnesses the yoke higher up the beam in the notches d. This is called in West Bihār जोतार augār. In North-West Tirhut it is called जातार lagār, and in the rest of Tirhut तरस tarakh. In South-West Shahabad, it is called ज्ञाएं avāe, in South Munger टाएं thārhā, and in South Bhagalpur टाए thārha. Light ploughing is done in the converse way and is known everywhere as सेंच sev, or in North-East Tirhut सेंच seb.

CHAPTER II.—MATTOCKS AND SPADES.

- 27. A large mattock is in West Bihār and Gaya फोरा phaurā. Variants are फहोड़ा phahorā (Patna and Gaya), फहोरा phahorā (South Munger), फजोरा phaorā (Patna and Gaya), and फहरा phahurā or फड़हा pharuha in Shahabad. In South-West Shahabad, it is फरसा pharsa-In Tirhut it is जहार kudār, and in South Bhagalpur and South Munger, कोहार kodār. Another name current in Gaya is का मां jhām or कामा jhāmā. In the same district, जोभी ābhi is a heavy kind of wooden spade tipped with iron for hard soils, and खरनी khurni or खहनी khudni is a kind of spade.
- 28. A mottock with a narrower blade is जुदारी kudāri, कोदारि kudāri, or कोदारी kudārī. South of the Ganges it is also जुदाली kudālī.

क्राज kudal and क्रार kudar are often used to signify also the smaller variety. In South Bhagalpur, it is 331 की दार thenthi kodar.

29. The handle is at bent, and the upper end of it, which projects beyond the socket, TI hūrā or TI hūr, or (in South-West Tirhut) महा mutha. Other names for this end are एड़ा era or अड़ानी arani, and in South Bhagalpur ute pata. The ring or socket in the blade, to which the handle is fixed, is ute pas or utet pasa (or in South Bhagalpur पासी paso). In South-West Shahabad it is पँगाँश pamwanri and in South Munger (optionally) uster pasata. The curved part of the blade is in Saran and Patna परी phari. Elsewhere, north of the Ganges and in South Munger, फरकी pharki. In Patna and South Munger, it' is also called पत phal, in South Bhagalpur परी pharo, and in Gaya भारी phare. In Shahabad, it is धार dhar, and in the south-west of the district, EIG damph. The place where the ring and the blade meet is कारो kanthi in Patna and Gaya, नहीं nahin in Shahabad, सन् san or काएड kantha in South Bhagalpur, and सन sun in South Munger. In Saran the part of the handle which is grasped is Ho mutha, and the corners and kāna. A new mattock is नव घर nawghara, and a worn one देंद्री thenthi



- 1. Bent (handle).
- 2. Pasa (socket).
- 3. Hura.

- 4. Phari (blade).
- 5. Kanthi (neck).
- The Mattock (Fhaura or Kodar).

CHAPTER III. THE HARROW.

- 30. This is usually the flat plank, with (in the east) a grove along the underside. It is dragged along the ground to break the clods after ploughing, while a man stands on it to give weight. In West Bihār and in South-East Tirhut, it is called हैंगा hengā, and in East Bihār more usually चौकी chaukī or चौकी chaukī. In Patna it is also called चित्रवे silawe, पटने patawe, or लगावरी lagāwari.
- 31. When drawn by one pair of oxen—one ox at each end—it is called हैंगी hengi in Champāran, हुगोड़ी dugorī in Tirhut, एक हरा ekaharā in South Bhagalpur, and होन्द्रा dobarada elsewhere. When drawn by two pairs of oxen—one pair at each end—it is called in North-East Tirhut चौगोड़ा chaugorā, in the rest of Tirhut चरगोरी charagori, होदरा do harā in South Bhagalpur, and elsewhere चौन्द्रा chaubaradā.
- 32. The pegs to which the hauling ropes are fastend are generally खंडी khūnti. In Shahabad they are also called संद्वा sanrusā, and in the south-west of the district गुली gullī. In Gaya they are बौंखा baunkhā in Patna and South Munger, बहुखा bahakha, and in South Bhagalpur यंद्वारा ankora.
- 33. The halling ropes are, north of the Ganges generally, and in West Shahabad, are barahi. North of the Ganges, they are also Engl hengahi. In Shahabad, chains used for the purpose are a sinkar, and in Patna and Gaya सोसंड sikara when used with four bullocks abreast. These words are also used in North Tirhut. In Patna they are also चौक नारन chauk nāran when of rope. In South-East Tirhut, they are also called महिखर marikhar, and in South Bhagalpur जाडोरी jagadori. In South Munger, they are सोकड sikar : when made of chain, and महिखर marikhar when made of rope, and Handar majhautar, is the rope or leather strap joining the two yokes when four bullocks are used. So also in Patna and Gaya. The last word is मस्तीतर majhotar in East Tirhut. In East Tirbut, when made of leather, they are called Hit mairan or Hit merhan, and when made of rope at El barha or at El barahi. Sometimes long strips of bamboo are made to serve as hauling ropes. They are then called in South Munger as the kudandi, in South Bhagalpur वंसनीती bansajoti, and elsewhere अरोआ araua.
- 34. The channel in the lower part of the plank to break the clods is in South Bhagalpur ঘৰা ghagharī or ঘাহ ghāi, in South Munger ভাৰতা khadhaā, and elsewhere ভাৰতা khaddhā. The channel is generally

the hollow of the stem of the talipot palm, the harrow being composed of the split half of a log of that tree.



1. Henga (harrow).

2. Khunti (pegs).

3. Barhi (ropes).

The Harrow (Henga or Chauki).

- 35. The cylindrical roller is rarely used in the field. It is called everywhere by a corruption of its English name, viz. হাল rol. The block itself is called uলা pallā (Patna), করা karī (Gaya), एকटा ekathā in Shahabad, and অন্ত্রী lakri in Sourh-West Shahabad. Elsewhere it is simply খাঁকা chaunkā or chaukā.
- 36. Sometimes the harrow is made of two parallel planks joined together. This is called हैंगा hengā or चौकी chaukī, &c., as above.

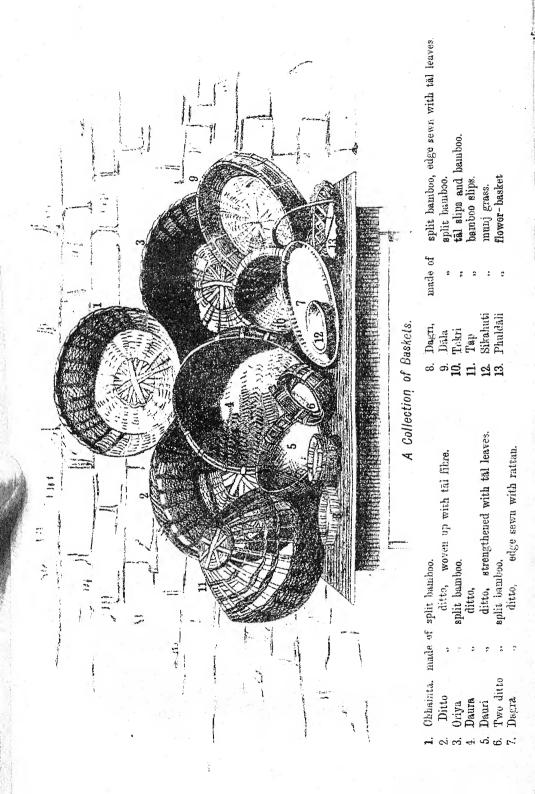
CHAPTER IV .- RAKES USED IN FIELD WORK.

37. Rakes are seldom used. Sometimes a bundle of thorns is dragged over a field to soften the surface when it has been baked hard by the sun after rain or irrigation. This has no special name. In parts of Tirhut, the कार्य kantā or खंडोर्नी khakhornī is a sort of rake or harrow worked by oxen to loosen the soil and extricate weeds from a crop of young rice. A पन्धिया pachphariyā or (in Sāran) मेल्ड्नी gelhani is a kind of plough with five shares used in indigo factories.

CHAPTER V.-PICKAXES, PITCHFORKS, &c.

- 38. A pickaxe.—North of the Ganges this is মানা gaintā, south of the Ganges it is মানা gainta or মানা gaintā. In South Bhagalpur, it is মানা gainchā, and in South Munger মানা gātā.
- 39. The dredger, used in well-sinking, has various names. In Shahabad, Sāran, and South Tirhut, it is until chalnā, and in Champāran





तर्ही tarchli. In North-East Tirhut, it is होटी chhītī, बहुनी kathulī, or पश्चिम pathiya. होटो chhītī is also used in South-East Tirhut, where also occur कडवत् kathawat and (also in Shahabad) तमाही tagāir. Elsewhere south of the Ganges, it is मैता gaintā or हान्ती khantī, and in South Munger, होटा chhitā.

- 40. The pointed iron spear for tapping the well-spring also has various names, viz. खुग्टा khuntā north of the Ganges generally, गणाड़ा gajārā in Sāran, and गोभ्गे gobhnī in South-West Tirhut. In Gaya, it is लोभग khobhanā, and in Shahabad खोभग् khobhan, but in the south-west of the latter district, it is जरहा lurahā. In South Munger, it is डेभग् debhan, and in South Bhagalpur, it is गणाड़ा gajārā or छ नो khantī.
- 41. The hooked stick for pulling down fruit from trees is generally समा laggā or समा laggi. The hook of this is म सुनी ankusī or (in South Bhagalpur) कानो kānī. The long pole with a small net at the end to catch the fruit as it falls, is मोना jholā, खोंची khonchī, or (in Sāran) मोरा jhorā. Another optional name in South Munger i सनसारी jakkānī.

The short stick thrown up into fruit-trees to bring down fruit is भारत jhatahā, and also (in Sāran) जगुरी lagūsē.

SUBDIVISION II.

IMPLEMENT USED IN SOWING, WEEDING, AND IRRIGATION.

CHAPTER I.—BASKETS.

- 42. Baskets are generally woven of bamboo slips or twigs. Unless otherwise stated, this may be assumed of all the following.
- 43. Baskets used specially by the sower are called generally ओड़ा orā, आड़ा ori, or ओड़िया oriyā (sometimes made partly with the fibre of the leaves of the tāl palm); also we meet, to the west, ऋटो chhaintī, and to the east होटा chhitā (a large one), होटो chhitā (a small one), or होटो daurī. South of the Ganges, they are also called in Patna बटटा battā (also in Shahabad) होरा daurā, or हारो daurī (sometimes made of the culm of the sik grass, andropogon muricatum), in Gaya (also in North-

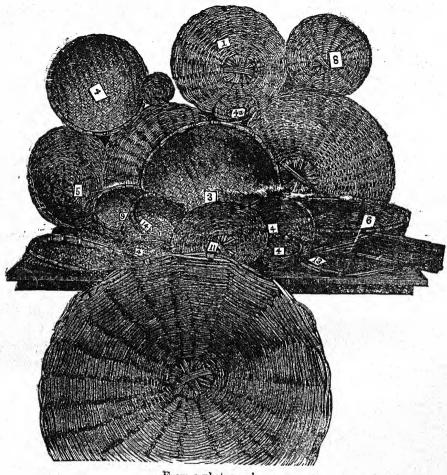
East Tirhnt) पश्चिम pathiyā (also used for feeding cattle), and in South Munger & Tau khanchiya. The only difference amongst all these is that in the case of the दौरा daurā and दौरी daurā, the bottom is woven of

bamboo slips, like a mat.

44. There are likewise several other kinds of baskets, used indiscriminately for this and other domestic and agricultural purposes, Thus, small straw grain-baskets are चाँती changeli or च गेरी changeri, and sometimes डाली dalī or डिलिया daliyā, especially towards the east. In Patna and South Munger, they are called azil batari. Another very similar basket (but still smaller) is called very generally मौनी mauni or मौतिया maunniyā, also बटटा battā in Patna, Gaya, and South Munger, and पुल्की phuluki in East Tirhut. A large open basket made of split twigs of bamboo generally woven up with the fibre of the leaves of the tal palm is called टोकड़ा tokarā, टाका dhākā, टाकी ahākī, खोड़ा orā, or हैंटा chhaintā. A smaller variety is called गाँचा gānjā, हो कड़ी tokarī, एकिया dhakiyā. When the bottom is very finely woven so as even to hold water, it is called चोड़ेसा oraisā. The धामा dhāmā is an open basket made of rattan. The द्वींचा khaincha or खाँचा khānchā is a large coarse basket made of twigs of cytisus cajan (rahar) or tamarisk (jlāu). South of the Ganges, we also find ভালী deli. A smaller basket of the same kind is known as खाँची khānchi (also खाँभो khānjhī in North-East Tirhut), खेचिया khanchiya, छाचीनी khacholi, पर लो pathuis (Gaya), नोनौद्धारी nonthant (Patna), or (South Bhagalpur) दमहरिया damahariyā. The डमरा dagarā, डमरी dagari, also called south of the Ganges दौरा daura, दौरी dauri, or (in South Bhagalpur) डाला dala, is a large shallow basket. These are all made of either bamboo twigs or slips, except the होरा daura or होरी daura (see above). In Shahabad, कर्ड karui or डोकी doki, and north of the Ganges चिकचुती si kahuti or स्किती sikautī, is a little basket made of the stalks of the mūnj grass.

45. A broken basket is दिवनी chhitani, or in Gaya छतना chhatana or in South Bhagalpur व्हितना chhitanā.* The भाषा jhampi or भाषिया. jhampiyā is a little basket with a lid. It is also called un nauti or पौतिया pautiya (being then generally made of munj grass) and पेटारी petārī (made of bamboo or rattan). A larger kind is called मांग jhāmpā. The lid of all these is called पेहानी pehānī or आँप jhāmp. टेचा thaichā or चँगीर changer, or in Shahabad देंचा thainchā or दौंचा thinchā, is a kind of large open basket. फुलडालो phuladālī is a flower-basket:

^{*} A common curse amongst Gaya women is क्तिनी बढ़नी खामा chhitani, harhni lagan,-may your wealth be swept away.



From a photograph.

A Collection of Baskets and of Other Articles of Basket-work.

- Oriya.
 Chhaintas of various sizes.
- 3. Daura.
- 4 & 4α. Dauris of various sizes.
- 5. Deli.
 - 6. Khaincha:

 - 7. Tap. 8. Tokri. 9. Dagri.
 - 10. Dagra.
 - 11. Tarāju (scale-pan).
 - 12. Kolsup.
 - } (Winnowing sieves).
 - 13. Sup.
 - 14. Chalni (sifting sieves).

MATERIALS.

Nos l and 8 are made of split bamboo twigs, woven up with the fibre of the leaves of the tal palm.

Aa, of the culm of the sik grass (andro-

pogon muricatum). 5 & 6, of tamarisk (jhāu'.

7, of rahar (cytisus cagan).

11, of bamboo twigs.
13, of sirki (the upper joint of saccharum procerum).

The rest are of bamboo slips.



साजी sājī is one with a handle, In North-East Tirhut, महोर् mator is a basket used by betal-growers (वाई barai).

- 46. উলী delā is the basket employed by coolies when working on roads. In the North-Western Provinces, the same word is used for a basket in which wild fowl, fish, or young pigs are kept.
- 47. A winnowing-basket or sieve is कोलस प kolisupa, or in North-West Tirhut द्वारा dagarā. A basket for sifting grains of various sizes is मूप sāp. A scale-pan is तराज taraju or तराज् tarajui.
- 48. There are several kinds of baskets used for catching fish viz. टाम् किंग, टापा tāpā, टापो tāpi; गाँज gānj or गाजा gājā; सरजा sarailā (Tirhut); खरटा antā in East Tirhut; पर्चे parawe or आसी ārasi in Patna; अस्मो arasī, परचा perwa, cr सेरा sairā in South Bhagalpur and होपा chhopā in Shāhābād. The last is also worn over the head and down the back in the rainy season to keep the wearer dry, and is called in Sāran होपो chhopī.
- 49. South of the Ganges भोकी bhaunki is a large basket with a narrow mouth. तरीना taraunā in Gaya is a basket made of tamarisk for carrying refuse, and in Patna नोगिया bogiyā is a small basket for cowdung. In South-Fast Tirhut, नाँग chang is a large basket equal to four टोकडी tokari for carrying chaff. टेगोर tangaur is a similar kind, but made of rāhar. and rougher
- 50. In Sāran, বাছা tarachha is a basket used in weeding poppies. তাম্ tāpā, তামা tāpā, or তামী tāpā, or (in South-Fast Tirhut) আঁম্ khomp, and in Sāran ফাঁম্ jhāmp, is a basket under which chickens are kept. These are generally made of rahar (cytisuscajan).
 - 51. बत्ती batti or बाती bāti are the twigs used for weaving baskets.

CHAPTER II.—BROOMS.

52. These are used for various agricultural and domestic purposes.

53. The ordinary sweeper's broom is সাড় jhārā and সাড়ঝা jhārā or সাড়ঝা jhārā. In South-West Shahabad, it is also called মুঘন্ sethan, and near Ara, ক্ৰা kānchā South of the Ganges, to the east, it is called মানে borhan or বালো borhani.

54. The broom used by women in sweeping out the house and also by sweepers is ৰানো barhani, or in North-East Tirhut, also ৰানে bārhan or ৰানে bārhani. According to Crooke, it is so called because the family is supposed to prosper (barhnā). It is also called towards the west সুখী kunchī.

55. The broom used for sweeping up the grain on the threshingcor has various names. North of the Ganges, in Saran, it is terre sirahath, and in North-West Tirhut सर्ह्य sarahath. In Champaran, it is खरहरा kharaharā, and in the rest of Tirhut खरा kharrā. South of the Ganges it is, in Gaya and South Munger, जूचा kūchchā, in Shahbad कूँ वा kūnchā, and in the south-west of the district कुँ वी kunchi or स धन् sethan. In South Bhagalpur, it is साटहे jhatai or खरहरा kharanharā.

56. The broom used by grain-parchers for turning the grain which is being parched, is স্নাৰ jhāru in Patna and Gaya, অনুনা harhanī in the south and east generally, অহনা laranā in North-East Trhut, হিলানী chalaunī to the west of the North Gangetic tract, and in South-East Bihār মুঁ আনাত্ৰী bhunjanāthī.

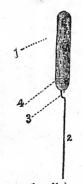
57. The long twig broom used for sweeping up leaves and rubbish is north of the Ganges, to the west, অহ্যে kharharā, and to the east আই kharrā. South of the Ganges, in South Bhagalpur, it is আহো kharharo; but in Patna, সাহা jhāntā, in Gaya, সাহ jhāru, in Shahabad আহল sirhat or সাভী jhānkhī, in the south-west of the same district, সংখ্যা jharnā, and in South Munger সাহা jhāntā or সাহ মী jhataini.

58. To sweep is in Patna and Gaya, बीहार्व bohānab or बार्ब bārhab; the former is also used in the south-east. To the west, it is बहारल bahānal, and in Tirhut बाटब bārhab, आर्व jhānab, or आर्रि स्व् jhari jhuri deb.

CHAPTER III.—IMPLEMENTS USED IN WEEDING, &c.

59, The Equit khurpā is a sort of hoe used for loosening the earth round young plants or in weeding.

60. Of this, the iron blade is tatur khurpā, or in North-East Tir_



- 1. Bent (handle).
- 2. Khurpa or khurpi (blade).
- 3. Naror danni (spike).
- 4. Sam(ferule).
 The Hoe (Khurpa or Khurpi).

hut, पारे के pāsaunga. The handle is केंट bent. The iron ring-fastening in the blade is बाम sām or बामो sāmī, and also in Shahabad, बुरिया churiyā, and in the south-west of the district मूर्श mundri. The spike of the blade which goes into the handle is north of the Ganges, नार nār, and south of it नार nār or बाहो dantā or (South-West Shahabad) डाइंग dānrā. Towards the east, we find, north of the Ganges, an optional variant जार lar, and in South Bhagalpur जार lārā.

61. A smaller instrument for scraping grass or weeding is called

when the blade is curved, खुरपो khurpi, and (south of the Ganges) when it is straight पद्धा pasnē. An optional name for the curved variety in Gaya is वैक्क्सा bankūū.

CHAPTER IV.—IMPLEMENTS USED IN CONNECTION WITH IRRIGATION.

- 62. The beds formed in a field for irrigation are called कियारी kiyārī. In South Bhagalqur, they are called केंग्रारी keārī. In South Munger, गॅड्रारी ganṛārī are smaller sized beds for the same purpose.
- 63. These are made with an implement with a handle and board fixed at the bottom, like a rake without teeth. This is worked by a singleman, much as a rake is used. In the North-Western Provinces it is usually pulled with a rope, but not so usually in Bihār. It is called generally to the south of the Ganges until pharuhā, and in East Tirhut util pharuhā. North of the Ganges, to the west, it is called util pharuhā. In South Bhagalpur, it is called util pharuā, and in South Munger, util pharahi. In Gaya it is called util penrani.
- 64. A wooden shovel used in distributing the water in a field is called ছ্যা hathā or ছয়ো hatthā. South of the Garges, it is also called আমা ābhā, in South Bhagalpur ছিহা chhittā and in South Munger ক্রীনা kathauā.
- 65. Other appliances used in connection with irrigation from wells, tanks, or streams will be found in the chapter on irrigation,

SUBDIVISION III.

APPLIANCES USED IN FIELD WATCHING.

CHAPTER I.—THE SLING.

66. This is generally টেগমান dhelamās or টেগৰান dhelawāns. In Patna, Gaya, and (optionally) Shahabad, it is also called টেগ্ৰান্য dhenkawāns. Another name current in Shahabad is ইক্সাম dhekuās.

In South-East, Tirbut, it is also called ট্লাহী dhelauri. In South Munger and South Bhagalpur, it is sign dinger, Jan gulel or, to the east, गुजती guleti is a pellet-bow.

CHAPTER II .- THE SCARECROW.

- 67. This is generally पृष्ट् dhuh पृष्टा dhuhā, or पुत्रा dhuā. In Patna, it is মুনবা putalā, and in Gaya চহী dhahā.
- 68. A scarecrow pulled by a string and hung on a tree is north of the Ganges दबदबना dhabadhabawā, उन्हरा thakarā to the west, दकदिनया dhakdahakiyā in South-West Tirhut, अनासी akāsi in South-East Tirhut, and elsewhere, तारक क्चा tārak chhajā or पूजा dhāā. South of the Ganges, it is in South-West Shahabad, डम होआ damhauā, elesewhere in the district, इसकी damko. In Patna, it is इस कीला damkaula and in Gaya रज कीन्या dhalkauā. In South Bhagalpur and South Munger, it is हा का or हड़ का harkā.
- 69. Cultivators also usually put an old black earthen pot in a field to keep off the evil eye, which is called in Tirhut टोट का totka or in North-East Tirhut नोजा taulā. South of the Ganges, we find also टोट्का totkā, with variants टोट्मा totmā (Gaya) and टोट्ना totwan (South Bhagalpur). In Shahabad it is called टीना tona of नजर गोजर nojar gojar, and in South Munger नजर गुजर nojar gujar. Another general name is करिखाद हाँड़ी karikhāi hānri or काखादि हें ड्वा karkhāhī hanriyā, from करिखा karīkhā or कर्खा karkha, 'soot.' Local variants of this last word are कर खी karkhi (Shahabad), कारि ख kārikh (Gaya), and कर का karkho (South Bhagalpur) Generally this pot is 'marked with lime (चुना chunā). Thus, a man of Ara would say हैं व्यि में करिखा लगाक चुनाके टीकर के खेत में घे खबल जाला hanriyā men karıkhā lagā ke chunnā ke tık de ke khet men diai āwal jālā,—he has come back after setting up in the field the rot on which he has laid soot and marks of lime.

CHAPTER III.—THE WATCHMAN'S PLATFORM.

70. This is known as मचान machan, with an optional variant माँच manch in the west.

71. The shed over the platform has various names, viz. north of the Gangee স্নাম্ভা ihompari and আম্ভা khompari generally, হুম্ম chhapri (North-West Tirhut), হাছী ichhāhi (North-East Tirhut), and আম্বা lagauri (South-East Tirhut). South of the Ganges, we have হুম্ম chhaparā to the west and মাভাৰা marukā and হুম্ম chhaprā to the east.

72. मुड्डे maraī and also (in East Tirhut) मर्रा marrā, गोहिया çohiya (South-West Tirhut) and पजानी palanī, is a shed on the ground without

any platform

SUBDIVISION IV.

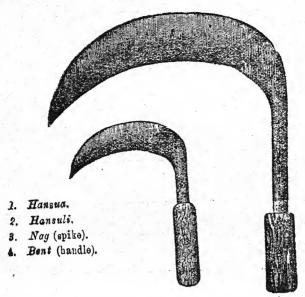
IMPLEMENTS USED IN HARVESTING.

CHAPTER I.—THE SICKLE OR REAPING-HOOK;

These are either toothed or with a sharp cutting edge.

- 73. (a) With a sharp cutting edge.—These are everywhere ভ্রুৱা hansuā. A kind with a heavier blade is called ঘঘিয়া paghariyā or ঘঘভয়া pagharūā, or বঘা badharā, বঘা badharī, বঘায়া badhariyā or বঘাভ badhāru. It is also called in East Tirhut ঘাঁয়া sangiyā, in South Bhag alpur ভাৰ dàba, and in Gaya বিভাছী chiiohī.
- (b) With teeth.—These are called হ'বুলা dantulā, from হাঁন dānt 'a tooth.' They are also called কাঁৰি যা kainchiyā, of which ক্ৰিয়া kachiyā is a variant in South-East Bihār.
- 74. ইম্বা hansulā is a small sickle without teeth, principally used by girls for cutting spinach (হাম sāg), and by toddy-sellers (ঘাইা pāsi) for cutting palm-trees. The uহমুল pahasul is a fixed upright sickle, which is kept in position by the foot resting on the wooden base in which it is fixed, and is used for cutting spinach and other vegetables. In Patna and Gaya, ক্লা katta is an instrument used by Doms for cutting bamboos and ফালা kyonchā is an instrument for barking wood
- 75. The above names are also used for the curved part of the blade. The straight part of the blade is called $\pi(z, n\bar{a}r)$ or (to the easi)

जार् lar. Other names are डाँड़ी danri (South-West Shahabad), नरिया narijā (Gaya), and नाच nāb (Patna). The handle is बेंट bent.



The ordinary Sickle (hansua), and that of the Toddy-seller (hansuli).

CHAPTER II.—RAKES USED ON THE THRESHING-FLOOR.

76. This is बाह्नेना akhainā. It is a kind of hooked stick used for pushing the sheaves under the bullocks' feet while the grain is being trodden out. This word is only used south of the Ganges. Local variants are दिना khenā and अदिना akhenā (Patna, Gaya, and South Munger), अखेन akhaina in South-West Shahabad, and उत्तेनी ukhaino in South Bhagalpur. When it has five prongs, it is called uttor pachakha north of the Ganges, in South Munger, and in Shahabad, and utar pancha also in the last district, This is also called in South Munger पाँचख janchakh.

CHAPTER III .- GRANARIES.

77. These are of four kinds-

1st .- A structure of straw or brushwood in the open air .-These are aget bakhār, augt bākhārī, or aid kothi. Local names are ही berhi north of the Ganges generally, उन thek in South Bhagalpur, and बहारी badari (also in South Bhagalpur) or मनहर munhar

in South-East Tirbut. In Tirbut, a मोलो golī is a round कोटी kothī जब रा jabrā in Gaya is a small granary.

2nd. Upperground pits for storing grain.—These are everywher e खाइ khād, and also (south of the Ganges; खना khattā or खना khātā, local names are चौर chaur in South-East Tirhut, माट māt in Gaya, and खाद khādh or खादा khadhā in South Bhagalpur.

3rd.—Granaries inside the house.—In Sāran, উত্থা dehrī is a small circular closet for holding grain, and is generally made of wattle and mud. The কাটা kothī, কাডিলা kothīla, or কাডিলা kothīlī is every where generally made of sun-baked mud, and is larger.

4th.—A space surrounded by mats for holding grain is ইন্ thek A granary made of straw only is in South Bhagalpur ভাৰত khonchari and in South Munger ৰাঘ bāndh.

78. The support of the granary is गोंडा gorā generally. Local optional names are व स्ना besnā (South-East Tirhut), बेसक, baisak (East Tirhut and South Munger) खरा khūrā (Patna), and खोटा ota (Shahabad).

79. The cover of a কাতা kothī is everywhere except in South-East Bihār উত্থান pehān or উত্থা nehanā. In Sāran and Gaya, it also means the plug or stopper (see § 81). Local names are কাৰ্বা jhapanā (South Tirhut and South Munger), তেখা dhapanā (East Tirhut and South Bhagalpur), and আৰু chāk (Patna, Gaya, and South Munger). The opening covered by it is ম ভ আৰু munhkhar in Sāran. In the same district the covor of a ৰাজ্যি bakhārī is ভাঁষ khomp.

80. The bottom is called everywhere पेंद्र pend, पेंद्रा pendā, पेंद्री pendī, or पेनी penī. The South Bhagalpur form is, however, पेंद्री pendo.

- 81. The hole through which the grain is removed is generally आत an or आना and, local names being आएन aen or मोहला mohakhā in East Tirhut and Patna, and सह munh north of the Ganges. The plug for filling the hole is देवलन debkan, or in the south-east म इन mundan. In Saran and Gaya, it is also पह न pehān (see § 79), and in South Bhagalpur देशी thepi.
- 82. A heap of grain is ট্রী dherī or যাৰ্ rās. In Gaya it is also ভিনী silli. In South Munger a small heap is cilled দ্বাই kuddī.
- 83. Various earthen vessels are used for holding grain. These are north of the Ganges generally कूड़ा kunrā. माट māt, चेना ghaila, or इंड्या hanriyā, मटका matukā क्षोंट chhonrh, देहा charui are also used, but principally to the west. South of the Ganges, we have पहचा charua

ख्म khum, खोरा hhorā, and महकी mataki in Patna, Gaya and South Munger (the last two also in Tirhut); द्वांड् chhonr in Shahabad, and क ही kunrā in South Bhagalpur.

84. The covers of these are the same as those mentioned above; the local names are दक्षा dhaknā (Shahabad), अक्षा jhaknā (East Tirhut and Gaya), and मुन्द्र mundan (East Tirhut and South Bhagalpur).

85. An earthen cupboard similar in shape to the कोडिलो kothila but used for keeping cooking pots and card-dishes, &c., is called जारा

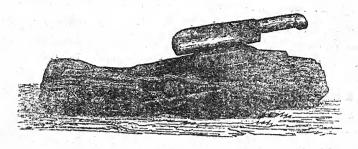
jabrā.

SUBDIVISION V. IMPLEMENTS AND APPLIANCES USED IN CONNECTION WITH CATTLE.

CHAPTER I.—THE FODDER-CUTTER AND TROUGH,

- 86. This is गॅड्राम ganrās, महाँस garāns, गॅड्रास ganrāsā, or गॅड्रास ganrāsā. Local variants are गॅड्रास ganrīsī, in North-West Tirhut and महाँस garānsā in South Tirhut. The word गॅड्रासो ganrāsī is the usual one. It has a short, heavy handle. Other similar implements are दाव, पिकंप ट गाड्रा tangārī (Tirhūt), and (in Patna, Gaya, and South Munger काकूट kākūt or काँकूट kānkūt. The गॅड्रास ganrās and गॅड्रासा ganrāsā are properly, heavy implements at the end of a long handle, four or five feet long. They are weapons rather than fodder-cutters.
- 87. The heavy wooden part immediately over the blade of the folder-cutter is called जांनी jāli' जिल्ला ialiyā, सुन्नी mungarī. Some times, especially to the east, it is simply called वेंड bent,
- 88. The blade is गँडासी ganrāsi, &c., as above. The handle is nort of the Ganges मृठ muth, or मृठी muthi and south of it वेंड bent.
- 89. The knob at the end of the handle has various names, vizছেন্ erā north of the Ganges generally, ছুম্ hūr in North-East Tirhut
 ইক্ন thékwā in South-West Tirhut and in Shahabad, and আচ ক্ ārhak
 in South-West | Shahabad. Elsewhere no special name has been noted,
 unless we include মুহ muth and মৃতিয়া muthiyā in South-East Bihar.
- 90. The spiked part of the blade, which goes into the handle, is खरा khurā or खरी khūrī to the west generally. Also, north of the Ganges, to the west, गोड़ा gorā, and in North-East Tirhut चोमी chobhī

A very general name is नार nār (East Tirhut, Patna, Shahabad, and South Munger), नारी nārā (Gaya), or जार lār to the east generally.



Fodder-cutter (ganrāsi) and block (thehā).

- 91. The block on which the fodder is cut.—This is north of the Ganges and in Shahabad ইছা thehā, Another name is uহিনত parīkath (Shahabad and North-East Tirhut), uহিনত parāth (South-East Tirhut and Gaya), uহনতী parākatho or uহত parātha (South Bhagalpur), and uহতা parhātā (South Munger). Other local names are লাভনতন kutakatana (Shahabad) and নিম্মা মহামান (South-West Shahabad).
- 92. The feeding-trough—When made of earthenware, this is नाइ nād or नाइ nānd generally, a local variant being जाद lād or जाएद lāët towards the east.
- 93. In Champāran and North-East Tirhut, पश्चित prthiyā is a basket u cd for the same purpose; elsewhere it is ओड़ सा oraisā. In the same tract, a wooden trough for feeding cattle is called नाच nāw, a general name for the same being दहा katharā. In Shahabad परन् charan or परनी charani, in Gaya गोरी gaurī, and in South Munger गोड़ी gonrī, mean a long feeding-trough of sun dried mud.

CHAPTER II.—THE MUZZLE AND BLINKERS.

- 94. The net cattle-muzzle, which is put on them when treading corn and at other time, is বাৰ jāb; local variants being বাৰা jābā (Gaya) and বাৰা jābā (East Tirhut, Patna, and South Bhagalpur) North of the Ganges (to the west) বাৰা jābi means a smaller muzzle put on calves to prevent them eating earth. Instead of বাৰ jāb, বাৰা jābā is used in South Munger. নামে moharā in Shahabad is a rope attached to the head-rope of an animal to prevent it opening its mouth too wide.
- 95. The conical wooden frame put on a calf to prevent it sucking its mother is তাৰ, dīl, with for local variants তাৰা dīla (Shahabad

and the east) and stail dilo in South Bhagalpur. In South Bhagalpur,

another name is a Z al kantelo.

96. In Patna दाडी dhāthi is a piece of wood tied round a bull ock's mouth to prevent it eating. Elsewhere strings are used. and are called in Tirhut ने त्या beruā (west), त्या kajaī or जगामी lagāmī (southeast), टेमा tema, (north-east), and चूना jūnā (east generally).

97. Blinkers for cattle are in Sāran and Champāran सन्पर anpat, and in Tirhut and the south-east खोल्डा kholsā. To the east generally they are also खोल khol or खोला kholā. In Shahabad they are छोपनी chhopanā or नोक्ता nokta, in Patna अधियारी andhiyārā, and in Gaya अधिजी andhelā. In Patna टोक्नी tokni or खोला kholā are the blinkers used in oil-presses or sugar-mills. The cloth tied over the blinkers is with देनी ankhamundnā.

CHAPTER III.—THE WHIP AND GOAD.

- 98. The whip used in driving bullocks is पेना pena or पेना painā The latter is sometimes spelt प्रना paënā.
- 99. Its lash is generally चाम क् chābhuk, with a variant चम्की chābhukī in the north-west. In North-East Tirhut it is द्विट chhitī. साँहा sāntā is found in South Bhagalpur, and local variants of this are साहा sātā in Saran and South Tirhut and सह का satkā in Shahabad. इस्ती chharki is used in Patna and Gaya, and भिन्ही jhittī in South Munger.
- 100. The thong at the end of the lash is साज्य jhabbu in North-West Bihar, ग्रिस् (the knot) in North-East Bihar, फुन्ना phunnā in Gaya, फिन्न् phik or फुर्ना phudnā in South Bhagalpur, and फुर्ना phundanā in Shahabad.
- 101. The spike at the end of the stick is आर्ड araī, of which आरोआ arauā is a local variation in Patna and South Munger and आर् ār or आवआ aruā in South Bhagalpur.
- 102. An elephant-goad is অন্ধ্ৰ ankus or আঁবুৰ ānkus. A spear for driving elephants is মালা bhālā, বছো barachhā, বছো barachhā, or (in Shahabad and East Tirhut) ব্ৰাৰ্ ballam. Another name is মালাৰ gajabāk or (Patna and Gaya) মালাম gajabāg. The wooden club studded with iron spikes, with which an elephant is beaten over the tail, is simply মালাম mukadar. The অনুষ্ঠি akuri is a wooden goad for young elephants, and when made of bamboo, it is called (in South-West Tirhut) কৰাই kanār.
- 103. Sin dang (East Tirhut and Patna), En deng (Gaya), and vice sonta, are short sticks which may be used for driving cattle

हाजुन् chhākun, इजुनी chhakuni, or (South-West Shahabad) हिटनान् chhitkan, and (Gaya) पिटीर् pitaur, are twig whips used for the same purpose.

104. A horse wh'p is कीरा or कीड़ा korā or चावुक chābuk, and a

spur afzī kāntā.

CHAPTER IV —HOBBLES FOR CATTLE

- 105. These are छान् chhān or छाँद chhānd. Other local words are पेंट्र pairh or पेंडर pairhā or (in East Tithut) पेंकर paikar or पेंकर painkar and (in South Bnagalpur) गोइन शे gorāni.
- 106. A piece of wood tied to the reck of a vicions or runaway animal is दे कर thekar or (to the west) उक्र thakar. In South-West Tirhut, it is दोक्र thokar, and in North-West Tirhut, दोक्रा thokarā. In Patna it is दे करा thekarā, and in South Munger, दे क्र thekur. North of the Ganges we often find मुंगरा mungara or मुंगरी mungerā, and other local names are हमरन् dagaran (Gays) and गरहर garahar or गर्हा garaharo in South Bhagalpur.

107. A cattle chain is सिकार sikkar, सीकार sikar, सिकारा sikara * or सिकारी sikarī. Sometimes these are spelt with a dotted r: thus

सिका ड sikkar, &c.

CHAPTER V.—ROPES.

108. A. Those used for cattle.—The rope of tethering cattle is everywhere মাহা pagahā, and also in South Bhagalpur লাহ jor or নীতা genthā. In Sāran and Gaya, it is also ব্যাহা tagahī. The knots or loops by which they are tied are লাহ jor or ত কাৰে thekā.

109. In Gaya and the scuth-east, and seli is a hair string tied from the neck to the feet of a calf when milking a cow. In Gaya it is also

called संस sel.

110. A tethering-rope, by which cattle are tied to a peg, is छान् chhān generally, or (locally) गए। gūrhā (North-West Tirhut, Gaya, and Shababad), गोइंग gorānw (South-West Shahabad), गोइंग gorār (Patna and Gaya), गोइंग्ज gorāwan (Gaya and South Mungei), इंग्राचीर derhaurājor (Gaya and North-West Tirhut), मची malau (South-East Tirhut), जोर jor (Champāran and North-East Tirhut), and जोरो joro or गोइंग्जी gorānā (South Bhagalpur). Most of these

^{*} As in the proverb neer name atn, and under gadha gelak sarag chan lagle gelainhi,—the donkey went to heaven and took his bobble with him; i. s, vices follow one to a future life.

refer rather to the kind of knot or loop with which they are tied than to

the rope itself.

- 111. A double tether for wild cattle, held by two men round the animal's neck, is north of the Ganges दोनारी dobaggē, or in South-East Tirhut दोनाचा dogahā, in North-East Tirhut दोनाचा dobagalē. in North Bhagalpur दोनारी dobāgi, and in Sāran द्वाची dubagalē. South of the Ganges इर्जी chharkē is used in Gaya and Munger in the sense of this method of attaching ropes. It is also used for the mode in which a log is attached to an animal's neck.
- 112. नाय nāth is a head-rope for cattle, passing through the animal's nose.
- 113. खगाड़ (or खगार्) agār or खगाड़ी (or खगारी) agārī is a head-rope for horses, a local name being गन खोर् galkhor în Gaya and Shahabad, विद्याड़ी (or पिद्यारी) pichhārī is the heel-rope, which is also called (north of the Ganges) पहाड़ pachhār. नागड़ीर bāgdor is a rope for tying horses नौत tānt or मोनस्मा mojammā is the thin leather rope tied round the horse's hocks. The halter tied round a horse's neck is गरींधन garaundhan गर्दान garadānw, or (in Shahabad) गर खाँधा gar aundha, and (in North-East Tirhut) गर्दम gardam.
- 114. To the west and north, पेनर parkar, पेनर painkar, or पेनरा painkarā is a head-chain for a camel, while to the south-east it is used for elephants. It is also used by travelling merchants for cattle. ननेज nakal, ननेज nakel, or in Sāran नन्जीन nakalo l is the nose-rope of a camel.
- 115. B Ordinary ropes,.—An ordinary rope is स्मी rassi, स्मी rassi, होए dor, होए dorī, or ज वर jemwar. जोए jor is also used, and (in Tirhut, Patna and Gaya) जोएी jauri.* स्मा rassa is a cable. A ship's cable is जहासी lahāsī, or in Sāran जहास lahās; and a two-rope, मन gān or (in Gaya and the south-west) मोन gon में ता gainta in Gaya is a rope for carrying beams. A coil of rope in the same district and in Champaran is बर्चीसा ghurchīlā. For the ropes used by a पासी pāsī or toddy-seller see § 375. The string used in drawing water from a well with a brass vessel (जोटा lotā, &c) is called होरो dorī; while the general name with other vessels is हवहन ubahan, उवहनी ubahani, or (in Sout'i-Bhagalpur) उवहन ubahain, and in North-East Tirhut होन ughen. The knot round the neck of the vessel is north of the Ganges and in Shahabad स्वन arawan, and in Patna, South Munger, and South-East

^{*} As in the proverb जीरी जरि गेज, ऐंडन टामे iauri jari gel, ain'han thame the rope may be burnt, but the strands remain (even though reduced to ashes); i.e., a rich man come down in the world retains his prids.

Tirhut रोका rannā. Other local names are भाकी phanāki (North-East Tirhut), भंदनी phandanā (Gaya). भाँस phāns (East Tirhut and South Bhagalpur), and भंसर्गालो phansargāli in Gaya and South Munger. A small piece of rope attached to the vessel and then tied on to the regular well-rope is generally पन्होर panchhor. A local name is होरी chhoia (Champāran and South-East Tirhut). Its knot is स्था mundhi in Tirhut and the north-west, and मही muddhā in Shahabad. A thick well-rope is रसा rassā or वरहा barhā.

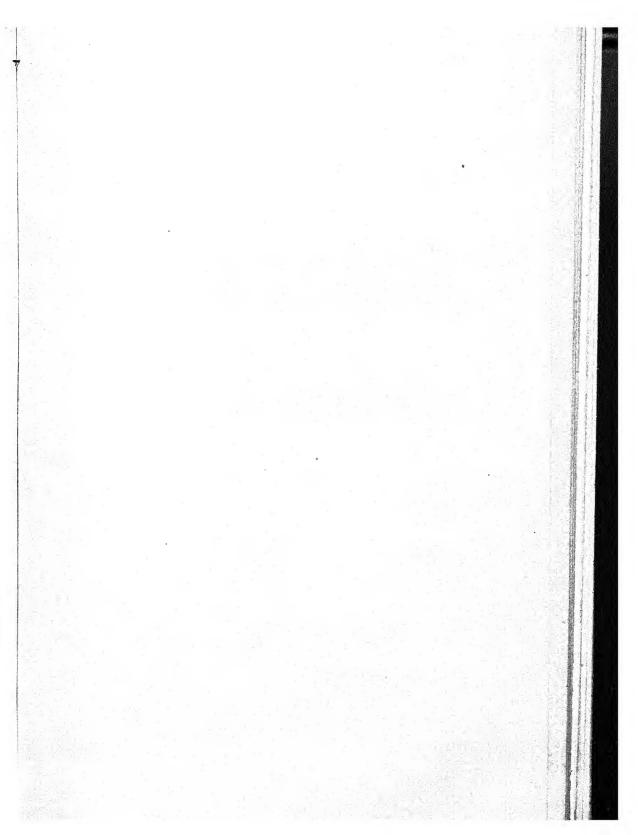
- 116. The rope which is used in working the irrigation lever (আতা lathā, &c.) is ৰাছা barhā, with an optional variant ৰাছ barah in South Munger. Other names are হুখুৰা hathbarhā, and in Champāran and North-East Firhut ভাৰত ন ubahani. The short rope joining it and the bucket by a slip-knot is খন্তাং panchhor or হোৱা chhorā everywhere with the following local names:—হার chhor (South-West Shahabad), জারা jotā (Sāran, Patna, and Gaya and the south-east), জারা jotā (Shahabad and South Munger), নামা nādhā (optionally in Gaya), নমান্ nadhān (optionally in Sāran), and বাহা bagahā (South Bhagalpur).
- 117. The strings used in working the irrigation swing baskets (বাৰ্ chānr, &c) are known as ভাষ্ dor or ভাষা dorā. In Sāran, they are জানী jotā.
- 118. The ropes used for dragging a harrow are, north of the Ganges, generally ইনহা hengahī or বহ হা barhī &c, as described in § 33.
- 119. To the west মালা mojar or মালাই mojarē is a rope put round the roots of young trees to hold up the earth as they are being transplanted, other names (in South-West Tirhut) being মালো geruā or (also in Champāran) বাহুলা banhnā. In West Shahabad and Gaya, it is মুটো gurhi, and in South Bhagalpur অভ্ৰমনা jarbandhna.
- 120. The generic term for a grass rope is ভ্রা ju na or জ্বা jūnā, and in Patna and Gaya also লাই jaurā, and in Champāran ঘন্তহ patahar. It is used for tying up bundles and for cleaning vessels. Another name in Tirhut is ষ্থাৰ sarpat. মনাল gatān, or in Shahabad মন্ত্রিষ, is a straw rope for tying up bundles. Ropes for tying up bundles of sugar-cane are লানা jotā, অল্বমনা nkhabandhanā, মনীয়া gataurā (South-West Shahabad), and unix pangār (North-East Tirhut) or unভা pagarā (made of sugar-cane leaves in South Bhagalpur). মুখু gurhi in Shahabad and north of the Ganges, to the east generally লাখ্য kachīā, and in East Tirhut আইয়া odār, is a loosely-twisted hen p

rope (but II gurhī may be either straw or hemp) for tying up bundles of crops.

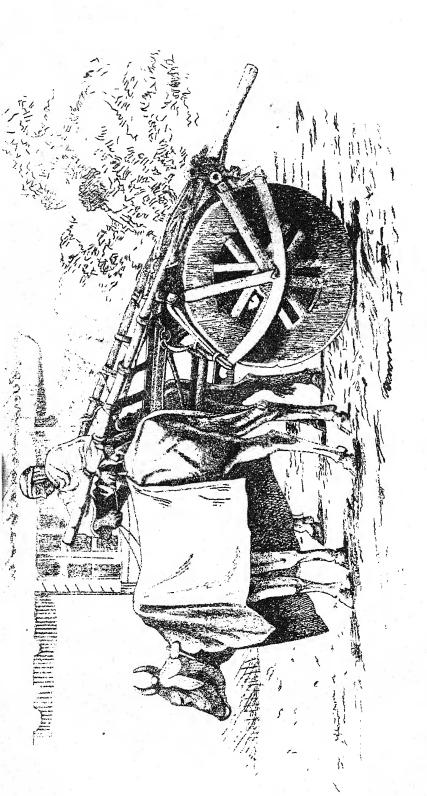
- 121. A rope made of the stems of the cytisus cajan (rahar) and similar plants for tying up bundles is called बेंदी bentā in Patna, Gaya, and South Munger, and बेंदार bentarī in South Bhagalpur. In Gaya, it is also called वेंद्री bandheri. चुनेश junerā (Gaya) is a similar rope made of kus grass. Ropes made of thatching-grass are called north of the Ganges सवास jhalās or समसी jhalasā. Bundles of mūnj grass twisted up for cleaning vessels are चूंडा lūnṛā or नूडा nūnrā. A thick hemp rope is बर हा barhā, बर हो barhā, or (in Gaya and South Munger) वर ता ba tā or बर ती barti.
- 122. For most of the above, the word ्ना junā or (when the rope is made of straw) गतान gatān may be used, or a periphrasis may be used, e.g. क्रसन् स्वा kusak rasarī for जुनेश junerī.
- 123. মূল sūt, মূলা sūtā, cr নামা tāgā, is ordinary thread for sewing and weaving. মুল্লী suturē or (rarely and only in the extreme west) মূললী suta'ē is twine. This in South Bhagalpur is called মুখ্যী sutharē. Twisted string is, south of the Ganges, তে যে tharrā. North of the Ganges and in South Munger, লাইল হেলা būntal rassē, আইল হেলা ainthal rassē, or (to the west) ব্যল্ হেলা baral rassē, is used.
- 124. To the west चोष chop is string made of the bark of the butea frondosa (परास parās) or of the palm-tree. In Gaya it is called चौष chomp.

CHAPTER VI.-PADS FOR CATTLE.

- 125. These are known generally as गही gaddā or पजान pālān. In Patna, Gaya, and Shahabad बखरा bakhrā is leather sheet which goes over this. A खराइया kharahiyā, or in Sāran खरेगा kharaiyā, is a pad stuffed with खर khar, and under it is placed the बन्ह जो kanhelā. पंदार petār is, in South-West Shahabad a belt for tying them, and पद्धांची pachholā a rope fastened to the animal's tail for the same purpose.
- 126. The pad for an ass is जेना lewā, local names being पिटिया pithiyā (Tirhut) and सुर्ना surkā (also in East Tirhut) or तर हो taranchhi (Shahabad). In North-East Tirhut and Gaya इजीनो chhalaunī is the cover of the pad. That of a bullock is (besides महो gaddā and पजान, palān) north of the Ganges and in South Munger कन्हें जी kanhelī, and south of it, to the west, इज्ञानखरा chhallābakharā, and to the east इज्ञानखरा chhallābakharā, and to the east इज्ञानखरा chhallā.



A



CART (CHHAKRA) SHOWING THE USE OF THE BODY CLOTH (JHOLI). COUNTRY

127. An elephant's pad is महो $gadd\bar{\imath}$, and in Shahabad also महा $g\cdot dd\bar{a}$. Underneath is placed a softer one called महेना $gadel\bar{a}$.

CHAPTER VII.—GRAIN-BAGS AND PANIERS FOR LOADED CATTLE.

- 128. These are चादा ākhā, दाँदा ānkhā, or सङ्गी tangī*; south of the Ganges they are also गेरिया gethiyā or पहा pattā. In Shahabad, however, they are जोस jorā or गोन gon.* A large grain-bag carried on a bullock's back is in Sāran जहारी ladaurī, or (also in North-West Tirhut) जगोरी lagaurī. In Gaya, this latter word means the cord by which the bag is fastened on the animal's back.
- 129. खर्की khurjī is a gunny (टाट tāt) bag borne by asses and used by potters for bringing clay from earthpits (मटिखान matikhān), and by others for carrying bricks &c.
 - 130. A rica-sack is बोरा borā or तड़ी tangī.
- 131. In south Bhagalpur a bag borne by the bullock, in which the drivers put their luggage, is कटारी katārī, and in South Munger it is इंड्याय hanrawāy. In Sāran, it is खास khās.

CHAPTER VIII.—CANVAS, LEATHER, OR TARPAULIN COVERS.

- 132. These are तिर्पाल tirpāl or (when made of क्राल chhāl, leather) क्ला challā.
- 133. भू न j/āl or भोनी jhoiā is a body-cloth put over bullocks in cold weather. In Gaya, it is also भोना jholā, and in Sāran चोएना orhāna. भून jhāl also means an embroidered cloth spread over an elephant's pad.

CHAPTER IX.—VESSELS FROM WHICH ANIMALS ARE FED.

- 134. The bag from which cattle are fed is भो तो jho'i, or in Champāran, भोता jholā. A horse's grain-bag is तोब ड्रा obrā. In Patna क्याइ kapāi is a fodder bag for cattle.
 - 135. Feeding-troughs are described in §§ 92 93.

CHAPTER X.-DAIRY UTENSILS.

- 136. The milk pail.—This has various names, according to locality. North of the Ganges generally, they are কৰছী jhuba'ā or বুংছা,
- * As in the proverb देल न जूद जूदे तड़ी bail na kūde, kūde tangī,—a bullock does not leap, but his load does, of which the Shihabad version is देखा न जूदे जूदे गीन, इ तमास्टिव कीन bail na kūde, kude gon, ī tāmasā dekhe kon.

महिया dudahi kanti,ā; but they are also माँदा bhānrā in Champāran, धुरता ghurlā in the North-West generally, and चपई chapaī in North-Lust Tirhut. South of the Ganges, we have टहरी tahrī or पूरा pūrā in South-West Shahabad, and केटिय kantīyā in the rest of the district and East Bihār; चाँपी chāmpī, टेहरी tehrī, or पत्ना putlā in Patna and Gaya; दुहनी duhnī, चन्नी chukkī, कटिया katiyā, केटिया metiyā, कट की kathlī, or कटई kathaī, in South Bhagalpur; and चुन दो chukrī or चन्ना chukkā in East Tirhut and South Munger.

- 137. टावा dābā, टावही dabahī (also in Champāran), पाया pākkā, पादम rāis. or राधि rāsi, are large milkpails used in North Tirhut, and व्यास thaparī is a smaller one. काँडी kānrī or कटई kathaī, also in North-Eist Tirhut, कट्टा katthā, are in Tirhut wooden milkpails. In South Munger र स rās is used instead of राइस rāis.
- 138. Vessels used in making and keeping clarified butter (ज्रा ghyū, &c.) and curds (इही dahī, &c.).—This also has various names viz. north of the Ganges इश्चिमहो हाँडो dahiyāhi hānrī or कहाही kurāhī. A local name is करना karnā (Champaran and Tirhut) or कीरना kaurana in North-East Tirkut. South of the Ganges, we meet माँडा bhānra generally, with a variant माँर bhānra in South Bhagalpur and इन्हों dahenrī to the west. In Patna and Gayı, we have चन्या champā, महाहा mahārā, and निह्या nadiyā. The last is also used north of the Ganges and in South Munger. In South Bhagalpur, other names are देशों kantarī and हाँक chhānchh.
- 139. There are sometimes special names for special sizes. Thus while इंडा hunți cr इंडिया hariyā is everywhere used for the larger size, the next smaller size is in Tirhut कोडा kohā or करना karunā. कोडा kohā is also used in South Munger, and परिला patilā or पत्रको patuki is used with the same meaning in Sāran. The next smaller size is कोडी kohā or कहतरी kahatarā. A still smaller size is हाँही chuānchhā, मटन्री matakurā (of earth always) or मटन्ही matakūhā (North-West Tirhut), and the snallest size of all is हाँहिया chhanchhiyā or निस्या nadyā.
- 140. The vessel for holding clarified butter is चित्रही भाँडा ghiwahī bhānrā, कॉडियां kantiyā, कोहो kohī, राइस rāis (large), चुका chukkā (small), &c. Other names in North-East Tirhut are चित्रक कड़्या ghiwak karhā (large) or चित्रक कारही ghiwak karahī (small). In Patna, Gaya, and South Munger चमा champā or चाँधी chāmpī are used, and रमोजी 1200 र (large) a d फेट्या pheruā (emali) are met in South Bhagalpur.

- 141. The leather vessel in which it is exported is क्या kuppā or क्या kuppā The latter is smaller than the former, and is also used for holding oil. In North-East Tirbut, it is also called चमड़ो chamari or चीकडी chaukathā. नहीइ nadoi is used in Gaya, and गेल्हा gelhā is a sim lar smaller vessel.
- 142. The churn.—To churn is মহল mahal to the west and মহল mahab to the south and east. The act of churning is মহাহ mahāi or মহাহ mahāi; local variants being মহা mahā in Champāran and South Bhagalpur, and মথই mathaī or মহন mahan there and in Gaya and South Munger.
- 143. A churn is north of the Ganges, to the west, मटमहन mathamahana. In Tirhut and Gaya, it is क्रांग kānrā or (south-east an also in Gaya and Champāran) कुछ। kundā, and (north-east) खोर khor South of the Ganges, it is कामारी kumārā in South-West Shahabad लीका taula in the rest of the district (also in East Tirhut), घोरम हा ghoramānhā, north of the Ganges and in Patna and Gaya, and महाँडा mahānrā in South Munger.
- 144. The stirrer or stick moved in the churn is হো rahi generally and also মহনী mahanī to the west and in Tirhut. The latter has local variants, viz. মহনী ma hanī (Tirhut and the West), মহান mahān (West) and মহানি matonni (Gaya). Local names are মলহা gajahī (South-Eist Tirhut), হাটো chhorhī (South-West Shahabad and East Tirhut), and হাটো ghorāthi (Patna, Gaya, and South Munger).
- 145. The rope with which it is twisted is generally स्वरो rasari or होरी dorī; but more specific names are नेन net (generally), with local viriants नेनत newat or नेनता newatā (east) and नेतो neto (South Bhagalpur). In Fatna it is खिन्तो khinchanī, and in South Munger इस. dam. Another name in South Bhagalpur is जोती joiā.
- 146. Vario s vessels.—In South Bhagalpur, काई kāin is a small vessel containing a quarter of a ser of milk. A पाषा pāthā contains one ser, and a क्या chūkū four sers. In Sāran, a चुका chukka contains a quarter of a ser.

SUBDIVISION VI.

APPLIANCES USED IN THE CONVEYANCE OF GOODS OR PASSENGERS.

CHAPTER I.—THE COUNTRY CART.

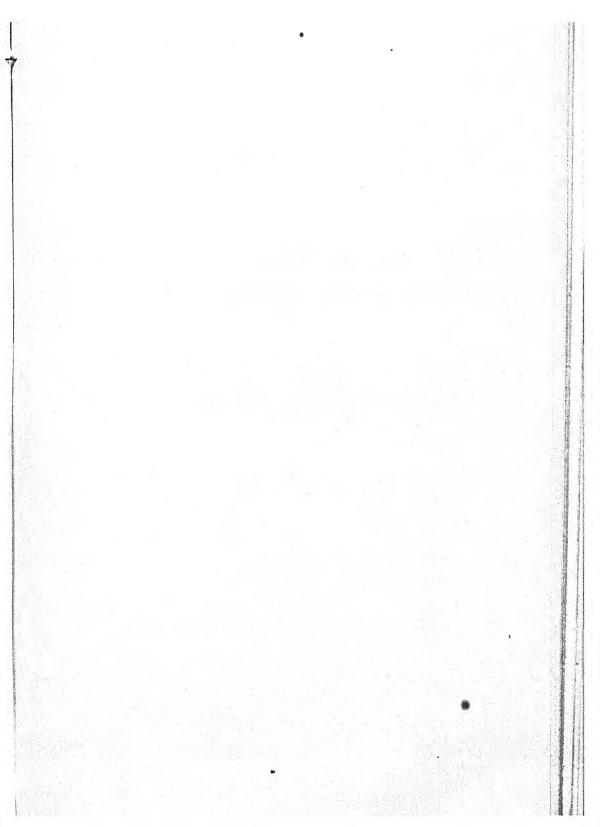
147. The ordinary cart is called everywhere $\pi i \neq \hat{g} \hat{a} r \hat{a}$, but in Saran, it is more usually $\pi \in \hat{g} \hat{g} \hat{a} r \hat{a}$. The Exercise or $\pi \in \hat{g} \hat{a} r \hat{a}$

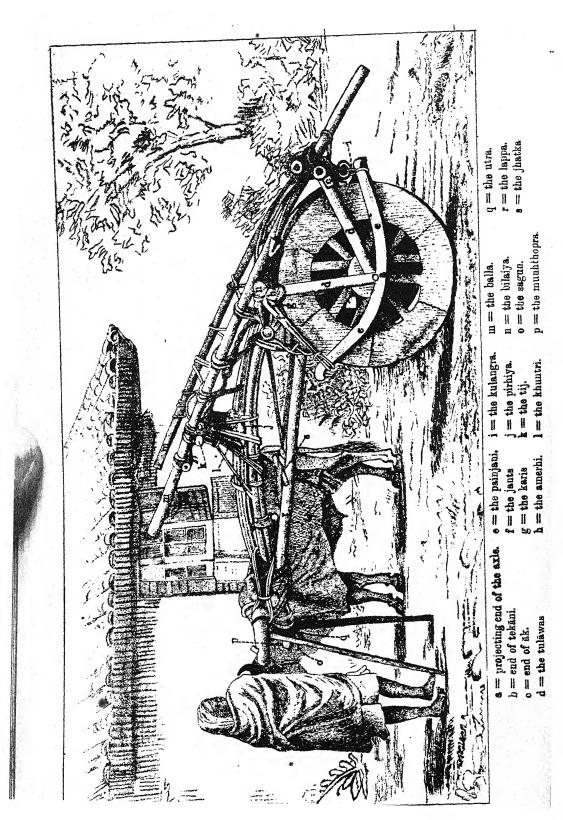
is the large complete full-sized cart, with long bamboo poles projecting from each side in front. In North-East Tirhut, it is sometimes called অমুঘ্ মাই chaghūs gārī. The ঘানাই saggara or মামাই sāgara is a lighter and rougher kind of cart for carrying country produce. In Gaya and Shahabad, it is also called অহাইয়া larahiya.

- 148. For carrying presengers, the स्थ rath or स्थ rantha is a light four-wheeled cart used by rich people. A similar two-wheeled cart is called संवारी गाही sāmwəŋō gārō or (in Gaya) सौंगी गाही sann gō gārō. It is also called सँमोलो manjholi in Tirhut and Gaya, and बहल bahab generally, with variants बहे की bahelō (Patna and Gaya) and बहलो bahabō (Gaya). The एक्का ckka is a two-wheeled light trap, generally drawn by a pony. In Sāran, it is also called घाँड बहल ghor bahab. The किराँची kirānchi is a covered cart something like an omnibus on two wheels.
- 149. A cart dr.wn by a sin; le pair of bullocks is दो र स्वा dobardā or दोक्दा dokrā. One drawn by two pairs is चीन इदा chaubarda (but this hardly ever occurs). In a team of three bullocks the wheelers are called पूरी dhūrā or घरिया dhūriyā to the west and चोड़ी jorā to the east, and the leader नौंड barra or निहिया biariyā to the west and चिन्हों jhittā (also in Sāran) or नाटा nāta to the east.

CHAPTER II.—THE LARGE (OMPLETE COUNTRY CART.

- 150. This is কুল chhakrā, মাভা gārā, or ব্যন্ মাভী chaghā gārī (see Chapter I). Its parts are as follows:—
- 151. The wheel.—This is everywhere पश्चिम pzhiyā. To the west, and also in Gaya and South-East Tirhut, it is also called चक्का chakkā.
- 152. The felloe is called Hদ্ধ mangar, except in Gaya, where it is লামাত jamot. It is made of six segments of sizu wood, called each uহী put/hī.
- 153. The nave is called $\overline{1}$ $\overline{\epsilon}$ nah. In Gaya, it is also $\overline{1}$ $\overline{\epsilon}$ nah, and in Saran $\overline{1}$ $\overline{\epsilon}$ $\overline{\epsilon}$ naha. Through this, the spiks run completely though and through, each spoke terminating at each end in the felloe, each thus forming in reality two spokes. There are six of these double spokes altogether, making three pairs of two parallel spokes each (see illustration). These three pairs are of varying thickness. The first pair driven in is thicker and stronger than the second pair, and the second pair than the third pair. In crossing each other in the nave, the

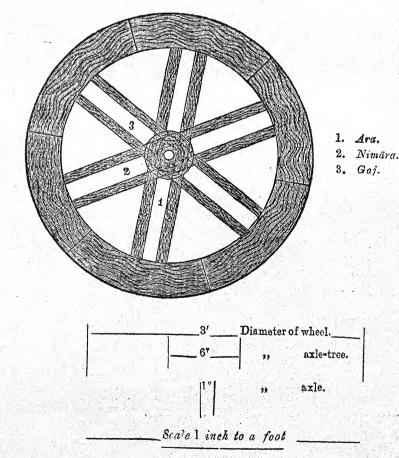




second pair runs through the first pair, and the third pair through the second and first. These pairs have names, viz.,—

- 154. The spokes.—1.—The first pair is called आशा ara. This is the thickest and strongest pair of spokes in the wheel
 - 2.—The second thickest and second strongest pair of spokes is called निमास nimārā, other names being ने लो or ने लो belī (Tirhut and South Bhagalpur), नोम घूरी nīm dhūrī or नेनारा nebārā (South East Tirhut), and जेनारा lewāra (Shahabad).
 - 3.—The weakest and thinnest pair of spokes in a wheel is called no gaj.

To the west and in Grya, both the second and third pairs are called মল gaj. The spokes are collectively called উত্থা dannigā. and to the west, also আনোৰ ārāgaj.



- 15%: The six segments of the felloe are fastened together by a wedge of wood called चर् chār or, in Gaya, चल chāl, fitting tightly into two mortices, one in each of the two contiguous ends of the segment. This wedge is also called चाँची chonhī generally, also जाँची jonhī or जाँच्या jonhiyā to the west of the North Gangetic iract and आव जिला garab hhilla in Shahabad, Gaya, and South-East Tirhut. In Shahabad, it is also called चाँची chontī or चैंची chenghī, and in Patna चल chūl.
- 156. The mertice in the end of each segment of the felloe is called छेद chhed or भूर bhūr, or in Sāran खोल khol. The end of the wedge is called डांक नी dākni.

157. A wedge driven through the segment of the felloe from outside to tighten the spokes in their places, is called प्यार or प्यार

pachchar, or in Saran पची pachchā.

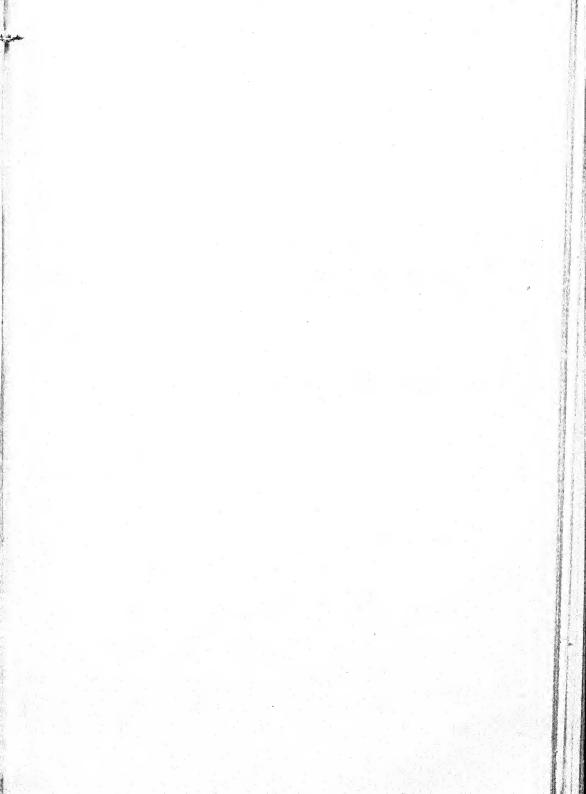
158. The iron hoop round the nave to prevent it from splitting is called बन्द. band or बन ban.

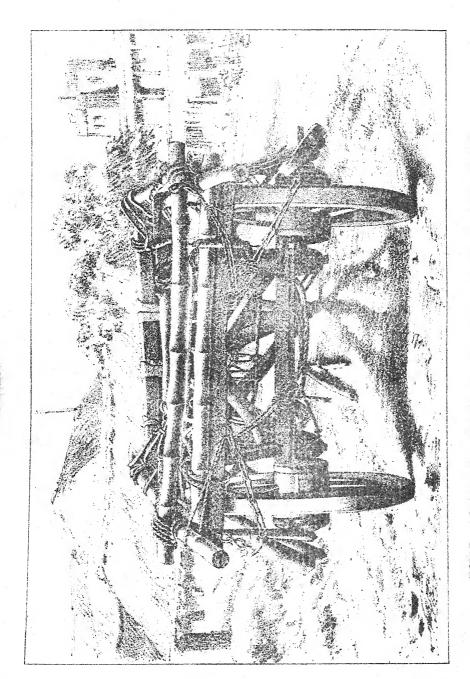
- 159. Inside the nave is sometimes tightly fastened an iron tube to receive the axle. This is called the बोहरा mohanrī, and in Gaya also सोह दो mohanrī.
- 160. The iron axle-box passing through the centre of the nave inside the নাছ ন mohanri, when there is one, is called আৰেন awan, and also (in Champaran, North Tirhut, and South Munger) আনান aon.
- 161. When the outside edge of the felloe is bevelled to prevent wearing, it is called north of the Ganges and in Shahabad हा कि tāl, with variants 'ट्रें आ taluā (East Tirhut, Patna, and Gaya), ट्रें स्वा taluā in West Tirhut, and ट्रें स्वाह talāh in South-East Tirhut. To the east, it is also called: महा mangar, मंगरा mangarā, or मगर maigar, with a variant megharā in North-East Tirhut. In South Munger, it is called स्वासार kormār.

162. When the outside or the felloe is flat, it is called पायर pathar, but this rarely occurs.

163. The tire.—When the wheel is tired, the tire is called

164. The linch-pin is 'generally ঘুকিলা dhurkilli, local optional names being হ্ৰমিলা rankillī (Gaya and South-East Tirhut), and নাল kil in Shahabad. In East Tirhut, Gaya, and South Bhagalpur, it is খৰছ packchar. The peg inside the wheel is দহকিলা pharkillī, or in Saran দংকিলা pharkillā. In a হুক্তা chhakrā, there is generally only one linch-pin, on the inside end of the axle.

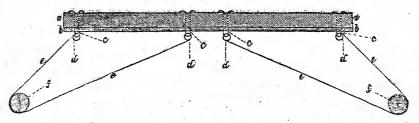




FULL SIZED BULLOCK CART (CHHAKRA)-BACK

- 165. The outside washer of hemp (सन् san) is चेनी cheni, चेंद्रो chendi, or (in Sāran) चेह्रो chenhi. The Hindi name is चिंद्रो chindhi or चौंद्रो chindhi. In Chhattisgarh, it is called चैंद्रारी chendharī. That inside the wheel, is खानन् khānan, with variants खनन् khānan (Sāran), खंदन् khānhan (South-East Tirhut), खाँगन् khāngan (South-West Shahabad), and खाँदन् khāndan (South Munger, Patna, and Gaya).
- 166. The axie.—Each wheel has an axle of its own, each supported entirely by struts descending on each side of the wheel from the side of the cart to which the wheel belongs. The axle is II dhura or II dhūrā. Sometimes a distinction is made, III dhūrā being used when the axle is of wood and II dhūrā when it is of iron; but this is by no means universal.
- 167. The outside supports of the axle.—The supports outside the wheel are two pieces of wood meeting outside the wheel in front of the nave, where at the point of crossing, they receive the axle. The upper end of one fits into one end of the front crossbar of the frame of the body of the cart (चानी tekānī, &c.), and that of the other into one end of the rear crossbar of the frame of the body of the cart (चान āk &c.) (see illustration). These supports are called च्याचा tālāwā. They are factened to the body of the cart by chains or ropes, called चान bān or are band.
- 168. The curved branch of sisu wood which passes under the point of the axle, where it projects from the বুৱাৰা tūlūwū, and thus further supports the axle, is called ঘূলনা painjanī, with variants ঘূলনী panjanī (Shahabad optionally) and ঘূলনা pengani (North-East Tirhut). In Gaya, it is called ব্যৱ dāb. It is pulled tightly up against the axle by three ties, two in front and one behind.
- 169. The front ties fastened to the fore end of the पंजनी painjanī are called जान jant. The other end of each of these ropes is fastened to a hook, called जारी karī. One of these hooks is fastened to the हानी tekānī, and the other to the bottom of the cart, farther on in front, to one of the जार इंडो karharī (vide post). The जाना jant are tightened by a stick called जारी amerkī, or in Sāran जाया salaiyā. which passes between them and twists them together to the requisite degree of tightness.
- 170. The rear tie of the ঘঁলনী painjani is called সুক্রাভ্দ্ kulanganra, or in Saran নুক্রাভ্যোধোanganrā. It generally consists of one iron chain. Two rings (অভ্যোধোৰায়েৰ) hang in two staples (কাঁট্যে konrkā) to the underside (মন্ত্রাক্ parāk) of the rear bar (মাক্

ak) of the cart. One of these rings hangs near the centre of the आक् ak, and the other at the end near the wheel. The chain is fastened to one, then passes round the end of the पंजनी painjani, and the other end is fastened to the other ring. In this way, the पंजनी painjani is held in its place. The accompanying sketch will make this clear.



a-a = the ak.

b-b = the parak.

c = the konraha

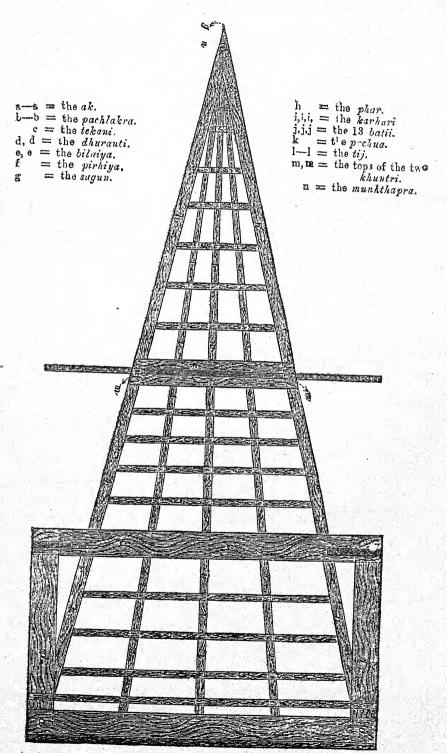
d = the kharkhariya.

e = the kulangra.

f = the rear end of the painfani

171. The bidy of the cart may roughly be described as a long triangle strongly built, lying on one surface, and arched so that its convex side is uppermost. Viewed from the side, it resembles a shallow arch, and from above, a triangle. Across the back, a strong square or oblong frame is laid. This serves as the foundation for the carrying portion of the cart. The annexed illustration is a plan of a cart taken from above.

- 172. The আৰু āk or আম āg is the main beam in the rear of the cart. It is made of sisu. In Shahabad this is called আৰু ānkh. Another and lighter piece of wood going underneath the আৰু āk to strengthen it, and also made of sisu, is called uছাৰ parāk. A slip of bamboo tied on behind the আৰু āk and forming the tail of the cart is known as uছাৰ্ছা pachhlakrā, with local variants, viz. uছাৰ্ছা parchlakrā in West Tirhut, uছাৰ্ছা pichhlakarā in Patna and Gaya and uছাৰ্ছা pichhlakrā or কছা karā in Shahabad. In South Bhagalpur, it is আনীয়ে ankora or uছাৰ্শা pachkernā.
- 173. The front bar of the square portion of the cart is known as देशानी tekani. In South Munger, it is तेनानी tekani with a dental t.
- 174. The sides of the square part of the body, going over the wheels and joined at one end to the আৰু ak and at the other end fitting on to the top of the ই নাৰী tekānī, are called খুটো dhārautī.
- 175. The piece of wood fitting over the end of each of the प्रीटा dhārautī, where it joins the टेकानी tekānī, and holding the former in ts place, is called विकेश bīlaiyā.



Plan of a cort (chhakra) trom above

FULL SIZED BULLOCK CART (CHHAKRA)-FRONT VIEW.

4

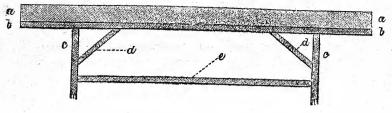
- 176. The short stout cross-bar of sisu wood crossing the triangular body of the cart between the ইন্নো tekāńi and the apex of the triangle, in front of the driver's seat, is called ঘিটিয়া pirhiyā.
- 177. The *point* which is the front of the cart, and which forms the apex of the triangle, is called समृत् sagūn, or in Patna and Gaya समृती sagūni. The lower portion of this is called in Sāran योप thop.
- 178. The two long sides of the cart, forming the sides of the triangle, starting one from each end of the चाक् āk and meeting in the चान् sagun, are known as भर् or भड़ phar, a local variant being भेड़ phair (North-East Tirhut). They are also called बाँगा tāngā South of the Ganges and इर्सा harsa in Sāran and Champaran. They are sometimes strengthened with a band of iron, called पत्तर pattar, बन ban, or बन्द band.
- 179. The whole bottom of the cart is called इचा chajja. It is composed of the पर phar, the आक āk, the टेकानी tekāni, and the पिटि या pirhiya, and has in addition three long strips running the length of the cart, called कड़ इड़ी karharī, and thirteen cross-pieces called बता battī, or in Saran बता battā, and in Gaya also चाली chālī. The कड़ इड़ी karharī are also called परी pharī in Patna and the south-west and चपोट chapot in Shahabad. North of the Ganges, they are also called मका manjhā, माँका mānjhā, or महानी bharānī. They are fastened in their places by pegs, called परिकल्ला pharkillā, कटकिली kathkillī, or किली killī, पचर pachchar (&c.), or काँटी kānti. Of the thirteen बत्ती batti or cross-pieces, there are three between the आक āk and the टेकानी tekāni four between the टेकानी tekānī and the पिटिया pirhiyā, and six between the पिटिया pirhiyā and the सगुन sagun.
- 180. This completes the description of the main frame of the cart.

 We now come to the various contrivances for retaining good in the cart. These are the following, but they are not all used in one cart:—
- 181. At the rear of the cart, just in front of the আৰ āk, is tied a thick bough of wood. This is called the पদ্ভা pachhuā. It prevents goods falling out behind.
- 182. Over the বিভিন্ন pirhiyā, and of equal length to the ইকাৰী tekānī, runs a bamboo called the বীৰ tij, supported by two stout pillars about a foot high; each standing on one end of the বিভিন্ন pirhiyāt. These pillars are called the শুইহা khuntri or শুইহা khuntrā, local variant

being खुट्टरी khuntaharī (Saran and South Tirhut) and खुट्टरी khunteharī or खुट्टिरो khuntiharī in Shahabad. In Gaya. similar posts are called मार्च mānchī.

- 183. Two very long bamboos now form sides, each resting on one end of the আৰু āk, on a বিজিয়া bilaiyā, and on one end of the বীৰ tij. Each projects behind the আৰু āk and a long way in front of the বীৰ tij. and is called বলা ballā. Other names are বাৰ bāns, বাৰ বলা bansaurā (Shahabad), or বাৰো chandawā (Patna).
- 184. Sometimes bamboos run from end to end. These are called श्रीप chip when they commence at the देशानी tekānī and run close under and fastened to the भा phar, up to the समुन sogūn. They serve to strengthen the भा phar. When they run the whole length of the cart, from the आक āk to the समुन sagun, and form, as it were, the string of the bow formed by the body of the cart, running close to and parallel with the भाद आ ihatkā (vide post), they are called आमा lappā or (in Tirhut) आमा lappā. They are fastened to the body of the cart by ties known as दौरावी danglā in Sāran, दौरादी daungri in East Tirhut, दासी bādhā in Shahabad, दौरा jaunrha in Gaya, and सौंद sonth in South Bhagalpur. Elsewhere they are simply रससा rassā, &c.
- 185. Sometimes the ৰহা ballā is raised behind by a pillar (মুট্রা khuntrā) at each end of the আল্ ak, and the space between it and the body of the cart filled up with a rope siding. This rope siding is then called হ্যামা hanthwāsā, or in Patna দুৰা pharkā, and in Sāran ছালেই.
- 186. The flat board forming the driver's seat is called High mohrā, or in South Bhagalpur Hich morhā and in Shahabad, Figi munhrā.
- 187. The parts underneath the cart supporting the inner end of the axle-tree.—There are two supports inside each wheel like the grant tulāwā outside. They cross each other opposite the inner end of the axle which passes through the intersection. As each wheel has a separate short axle, there are therefore two independent pairs of these, one inside each wheel.
- 188. The rear one of each of these pairs is called गुड़िया guirgā or गोड़िया goriyā, or (in Patna) खनाना khajanā. Like the rear, नुसारा tulāwā, its upper end is fastened into the आक ak. It is strengthened in its place in the आक ak by a strut, called दिस्तान mehrab, and the two गुड़िया guryiā are further strengthened by a cross-piece called

each other. The annexed illustration will make this clear.



a-a = the ak.

d, d = the two mehrab.

b-b = the parak

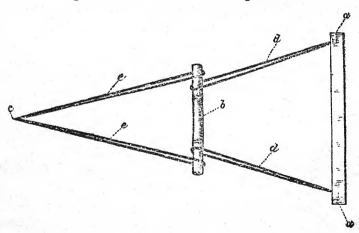
e = the danrheri.

e, e = the two goriya.

189. The front supports of these pairs are each called धोम् thobh or घोष् thop. The upper ends of these are fixed in the टे कानी tekūnī.

190. The apparatus for keeping the body of the cart curved.—This consists of a set of strings called নাই বা jhatkā, which passes right under the cart from end to end, one end being fastened to the আৰ ak and the other to the ব্যুণ্ sagun. This is kept tight, so that it keeps the whole cart bent exactly like a bow.

The following illustration shows the arrangement : --



a-a = the ak.

b = the danta.

c = the sagun.

d = strings fastened to the ak, passing round the danta and back to the ak.

string fastened to the sagun, rassing round the danta and back to the sagun.

- 191. The ভাষো dantā, or in south Bhagalpur অমান্থ amerī, in the above figure is a stout piece of bamboo. It will be evident from the figure that it affords increased leverage, and offers a ready means for tightening the সাই আ jhatkā when necessary. Sometimes bamboos run parallel to the সাই আ jhatkā from the অয়ন sagun to each end of the আন ak as further strengtheners. These are called আনা lappā or (in Tirhut) আন lappā.
- 192. The इतिया chhatiyā is a slip of wood fastened across and under the body of the cart from योभ् thobh, to योभ् thobh which serves to hang baskets, &c., from.
- 193. The point which is the front of the cart, and which forms the apex of the triangle is, as already stated, the सगुन sagun or सगुनी sagunē. It is here that the yoke is fastened. Underneath it, to prevent the point resting on the ground, is fixed a stout peg, called उद्रा utrā. On the top of the सगुन sagun, to afford a boss for fasting the yoke to, is fixed the मृह योपड़ा munhthoprā, मृह यपड़ा munhthaprā or (south of the Ganges) मोयापड़ा mothāprā. In Champaran, it is, called मोह ड़ा mohrā.
- 194. The yoke is লুমা jūā, and also in Shahabad লুমান্ত jūār, as distinct from ঘালা palo or লুমান্ত juāth, a plough yoke (see § 14). The pegs passing through the ends of the yoke, outside the bullocks' necks to prevent them shirking thier work, are made either of wood or iron. The name ঘনল samail is generally applied to them when of wood, and ইমল semal, ঘম্মল sammal, or বিশাল simmal when of iron but this distinction is not always observed. To the east, they are called ফুলিছ kanoil. The inner pegs towards the middle of the yoke, on the inside of cach bullock's neck, are called (in East Tirhut) বিশ্বা chiraiyā. They may be of either iron or wood.
- 195. Props.—When the bullocks are unyoked, the front of the cirt is supported at the स्प्रान् sagun, to prevent it falling forward, by the दियाना sipāwā or (in North-East Tirhut) सिर्पाया sirpāyā and (in Sāran) दियाना sipwā. The top of this is called in Gaya महम्मा mānjhā The prop to prevent the cart falling back is एडा erā, उत्तर्या ularūā दिस्वाद sidhwāi, or (in Patna) जन्मो larua.
- 196. The ropes which go round the bullocks' necks are জালা jotā. তালা jotā. তালা jotā. তালা jotā. তালা galjotā, When three bullocks are yoked, the rope which goes over the leader's neck is to the west বিভিয়া binījā or বিষয় birijā, and in Sāran and the east, কিন্তী jhittā. The rope (যোলা rassā, &c.) by which the yoke is kept in its place, is called বিষয় bichhuā, or in North-East Tirhut কাল jlonk.

- 197. The mat put in the bottom of the cart to prevent grain from falling out, is TIE chatāi generally, but it is TIELL harigār in Patna and HELL bhandāri in South Bhagalpur. The last is also used optionally in Gaya and East Tirhut. In Sāran, a canvas mat used in the same way is called ITM dhālā.
- 198. The iron chain for tying up the bullocks at night is generally श्रीका sikar or जन जीर janjir. Local names are पार् pākā or डॉइर dānṛar in Champāran and Tirhut, नेज bel in Gaya, and पेनज paikal, (also in Gaya) पेनर paikar, or पेनड़ painkar in Shahabad. The portion round the bullock's neck is called गर्नी gardanā.
- 199. The above is the description, except where otherwise stated, of a very complete হল্ছা chhakṛā, which is itself the most complete kind of cart. Few carts are as complete as this; but they differ merely in being less complete, and in no other way.
- 200. As regards size, the cart of which the above is a description had the following measurements, a cubit being taken as equivalent to 1½ feet:—

Length from	n आक āk to हेकानी tekāni हेकानी tekānī to पिढ़िया pirhiyā पिढ़िया pirhiyā to खगुन् sagān	•••	Cubits. 1½ 1½ 3
	Total length	•••	6 cubits, = 9 feet.

The चाल् āk, टेकानी tekānī, and तीच tij, were each three cubits long. The बहार ballā were each six cubits long, and the खुर्श khuntrā one foot. The wheel was two cubits across.

The greatest he ght of the arch was at the पिद्धा pirhiyā, where it was one cubit.

The height of the चगुन $sag\bar{u}n$ from the ground when supported by the चिपाना $sip\bar{a}v\bar{a}$ was $2\frac{1}{2}$ cubits, and that of the चान $\bar{a}k$, at the same time, $1\frac{1}{4}$ cubits.

CHAPTER III.—THE LIGHT COUNTRY CART.

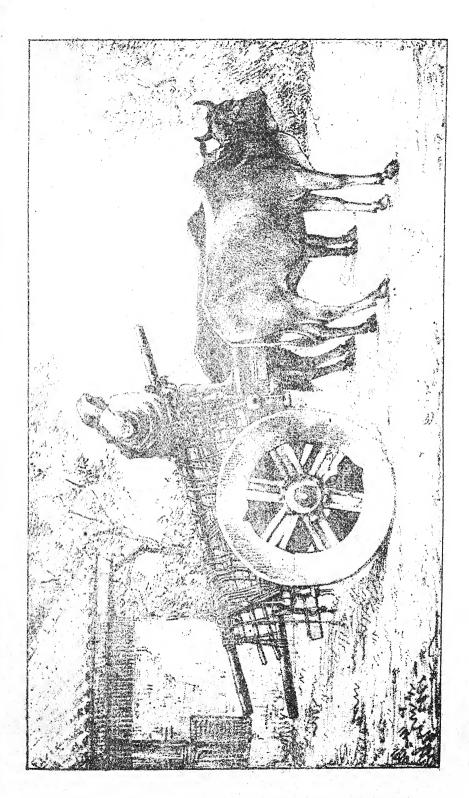
201. This is सागर् saggar, सागड् sagar, or लड़ हिया larhiyā (see § 147). In Saran, it is called गाड़ा garā.

This cant is rougher, lighter, and cheaper than the 要有 写 chhakrā. 202. The wheel is the same as in the 要有写 chhakrā.

- 203. The axle.—There is only one axle (भूरा dhūrā), which goes right across under the cart, and on which both wheels run. It runs through a block of wood which runs across from wheel to wheel, and out of each end of which the ends of the axle project. This block is called भँद्रा mandrā. The projecting ends of the axle receive the wheels, which are held in their places by outside linch-pins (ध्रा किसी) dhurkillā, &c. (see § 164). Sometimes the wheels of the अगद saggar are protected by a board outside, one end being fastened to the आद ad and the other to the देवानी tekanā (see §§ 172, 173). Through this the end of the axle projects, and is made secure by the linch-pin. This board is called पेजनी painjanā, पेजनी panjanā (Shahabad optionally), or (North-East Tirhut) पेजनी pengani, and must be distinguished from the different wheel support bearing the same name in the द्वार chhakrā.
- 204. The body of the समाइ saggar is not arched, as in the इन्हा chhakrā. It is simply a flat triangle of wood, principally bamboo. The two long sides of the body, commencing at each end of the आक बेर and ending together at the समुन् sagūn, are called, as in the इन्हा chhakrā पड़ phar, (&c. As the समाइ saggar has no तुनाना tulāwā योभ thobh, or मुझ्या guriyā, the body rests directly on the axle, being supported by two blocks of wood, called तेन्ना tetla, तेनीन्या tetaliyā, or in Sāran तेनुना tentulā, each of which rests on one end of the महरा mandrā, and on which, on the other hand, the corresponding पर phar rests. Along the पर phar, and underneath it, is tied a bamboo to strengthen it. This is called नागर bāngar.
- 205. In other respects, a ৰূলাৰ saggar differs little from a হুল্ছা chhakrā, except that it is built lighter and almost entirely of bamboo. As the body is not arched, the former has of course no কাইলা jhatkā &c.

CHAPTER IV .- THE BULLOCK CARRIAGE.

- 206. When it has four wheels, it is called \overline{z} rath or \overline{z} rantha. This is rare in Bihār.
- 207. When it has two wheels, it is called বছল bahal, with variants বইলী bahelī (Patna) and বছলী bahlī (Shahabad and Gaya).
- 208. This is almost exactly the same in principle as the इक इंद chhakṛā, except that it is generally built lighter. On the square portion at the back is reared a kind of canopied seat, called साँगार sāmwagī or साँगी saunyā; hence the cart is also called a साँगार माझे sāmwagī gāṛ:.



The light Country Cart (Saggar)

THE BUILDOK CARRIAGE (SAUNGE GARI).

209. Its parts are as follows :-

The wheel.—As in a cart (see § 151 and ff.).

The leather washer is called चक्ती or चक्टी chaktī, गदा gaddā, or विन्दे biṭhaī.

- 210. The axle.—As in a cart (see § 166).
- 211. The supports of the wheels and exist.—These are the same as in a 要表写 chhakrā (see § 167 and ff., § 187 and ff.).
- 212. The body of the vehicle.—The lower part is like a इज इ। chhakrā. Over it is placed the following, the whole of which is called साँगी sāmwagī or साँगी sāmngī.
- 213. The frame of the seat is पट्टी pattā, local variants being पटटा pattā (East Tirbut and Patna), पटिया patiyā (East Tirbut and the west), and बोहाडी bandandā (Gaya). Its supports are ख्टा khūntā or हारा khūntā. On these are ornamental brass knobs, called पुरिचा phuliyā. The posts supporting the awning are उड़ा dandā or राष्ट्रा dantā (East Tirbut and the west). The top of the awning is हत्री chhatrā or (in Shahabad and Gaya) उट्दी thatrā, and the stuffed cover to keep off the sun is यहा gaddā or गरेखा gadelā. In South Munger it is गरी gaddā. The net forming the bottom of the seat is घाँचारी sāmwagā or चाँगी saungā, and the leather guard of the body inside the wheels is ध्यादा dhamākā.
- 214. The two long sides are called ছড় phar, &:., or নাঁমা tāngā as in the হ্ল ছা chhakṛā. Between them are placed narrow planks called ধাঁকা; mānjhā.
- 215. The supports of the body behind are চেত্ৰা dharus or চেত্ৰা dharus, and similar smaller ones inside are বাৰ্জী bāwlī.
- 216. The इंतुजा dantuā, or in Sāran ঢ়ালা dhālā, is the back seat for carrying luggage, and it is also called অভানী arānā in South East Tirhut and Champāran. होरो dorā are the strings forming the side of the awning, and पर हा pardā is the side awning, which may be raised or let down as required. In Sāran, it is also called আছাৰ ohār.
 - 217. The rails on each side of the driver's seat are and balli.
- 218. In other respects, the bullock carriage is the same as the इक इर chhakrā (see Chapter II).

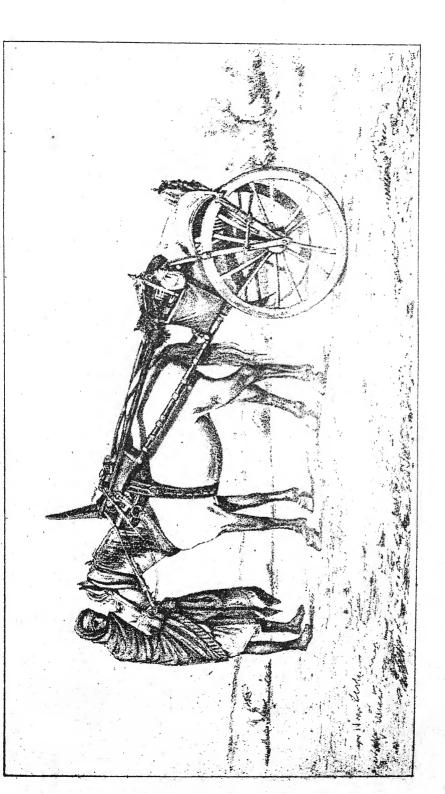
^{1.} In Sone parts of Patna and Gaya, it is also colled বিত ভাইনা (pilh ludna) or simply ভাইনা (ladna) or মানা (bharana).

CHAPTER V.-THE PONY CARRIAGE.

219. This is nearly the same as the bullock cart, on a smaller scale, except in the following particular: :-

220. The wheel is the same as in the bullock carriage (see §

- 221. The axle is द्रा dhara दूरी dhara, which is strengthened 151 and ff.), inside by a short metal tube, खाँझा sāmmā, खाझा sāmā, or खासी sāmī. In North-East Tirbut, the latter is also called III sam. There is one of these inside each wheel, and they act as a kind of washer. There is only one axle (dhūrī), on which both wheels run. Outside each wheel, are a pair of तुलावा tulāwā, but inside there are no घोस thobh or गुड़िया guriya, as in the bullock cart (see § 187 and ff.). Round the ends of the देवानी tekānī, the आव āk, and the axle, forming a triangle outside the wheel, is tightly tied a rope called the sin just above the lowest angle of this traingle (i. e., just above the point of axle), is tied to it a short slick serving as a footstep, called Enix salāi
 - 232. The तुलावा tulāwā are fastened to the चाल āk and the or बलेया salaiyi. हेकानी tekinī (see §§ 167, 172 and 173) by iron hooks called च द्वारी ankuri or (Champaran, South Tirbut, and South Munger) आंकुरा ankura. South of the Ganges, they are also called in Shahabad and South Bhagalpur, तुलाइ tulāī. हाल hāl is the tire of the wheel. The leather splashboard over the wheel is तस्ता takktā तस्ती takktī. In south West Shahabad, it is called ue it patrā.
 - 223. The prope of the body are west danda (west), west danta (east and Champaran), or ख्टा khūntā. The top of the awning is इन्हो chhatrī, and the roof of it is हत chhat or (in Gaya) तडक tarak गहेला gadelā or (in South-East Tirhut and South Munger) गही gaddi is a cushion at the top to keep off the sun. The awning at the side isपर्हा pardā or in Sāran एटा टोप ghatā top, which is fastened by iron rings, कड़ी karī or (in Gaya) खोली kholī. The ropes which support the awning poles are इथ वाँचा hathwansa, and the rope trellis between the two rear awning poles चान् chank. This last serves as a back to lean against.
 - 224. The E at khūntā or EZI khūntrā are posts which support the body in front on the axle. LEGI dharua, Clasi dharua, or (in South Bhagalpur) टांज्याँ dhaluan, are the posts which support the body on the axle behind the ख्रा hhunta. दाव ली bawli or बीजा



PONY CARRIAGE (EKKA), WITHOUT CANOPY

AN EKKA WITH CANOPY

bauli are similar posts behind the Fat khunta, but in front of the टच्या dharuā. They are quite inside the body of the cart. To the west of the North Gangetic tract they are also called us ganj. The पाँक्या ponchhiyā or (to the west) पिछ आ pichhuā are the pointed ends of the lower shafts behind. In South Bhagalpur they are called दाली dagli. तान tan are the four iron bars which support the body on the axle. Two of them are called scials thuntatan or (in South-West Shahabad) गज्या gajbāg. माँका mānjha are similar wooden supports. The stant sanwagi or stall saungi is the twine net under the seat, and the straps which keep it up are the चौंगी के नारी saungi ke nārī. The मोडिया goriyā are side ropes which fasten the splashboard to the ax'le, and the untar dhamāka is the leather siding inside the wheels. The four curved bamboo shafts are atm tanga or (in Patna) दाँगा tāngā. The काती के नारी chhāti ke nāri is a strap inside, fastening the body to the axle in front of the साँगो के नारी saungi ke nāri. The खद्दाव ladāw are cross-pieces of bamboo from shaft to shaft, forming the body of the cart. In North-East Tirhut, they are called 431 phathi, and in South Bhagalpur and batta. The net at the bottom is जाजा jālā, and the कह का jhatka is a strong rope behind and below, fastening the cross-pieces of the body.

225. The driver's seat is क्रत्नो kartali. The pieces of bamboo which run underneath from shaft to shaft, on which the driver rests his feet, are जा होए। latklora generally north of the Ganges, or इंड्री darenri in Sarān and इंड्रा denrerā in South-East Tirhut. In Shahabad they are जाउँ। latera, in Patna and Gaya इंड्रिया danriyā, and तरेरा tarerā in South Bhagalpur. The बोड्रिया goriyā or (in South-East Tirhut) चोड्या ghoriyā are pieces of wood which join the upper and lower shafts. पद्यो pankhi are pieces of leather joining the upper and lower shafts near the yoke. These shafts are also fastened by a leather rope called, north of the Ganges, सुद्धा muthrā, and to the south of it मोडड्रा के नाड़ी mothra ke nāṇi, or in Shahabad में इंड्रा के नाड़ी munhra ke nāṇi. In Patna and Gaya it is called छूड़ा chharā. The मोथाएड्रा mothapara is a brass cap fitting on to the ends of the two shafts.

226. Harness.—The pointed part of the saddle is खोतीर khogīr, or in Shahabad and East Bhagalpur खार्र khagūr. The pad is गरी gadi or गरी gaddi. The wooden block is करा kathra or (in South-West Shahabad) करवा kathla. The rings through which the reins pass are कहा kara or राज करें rās kari. The leather sureingle going over the saddle, round the horse's shoulders and across his chest, is प्रश् तक pushtang or प्रश् तक

^{1.} In North Shahabad and South Saran, it is some times called and (agan).

227. गॅनिया ganjiyā or तीन ड्रा tobṛā is the bag hung on either side for holding the passenger's shoes, &c.

228. The above is a description of an TAI ekkā when the canopy is attached. When this is taken down, a back railing is added, AZET kataharā, instead of the rear posts, and instead of the two front posts two shorter ones are set up, one on each side of the driver's seat, called THEE nindandā.

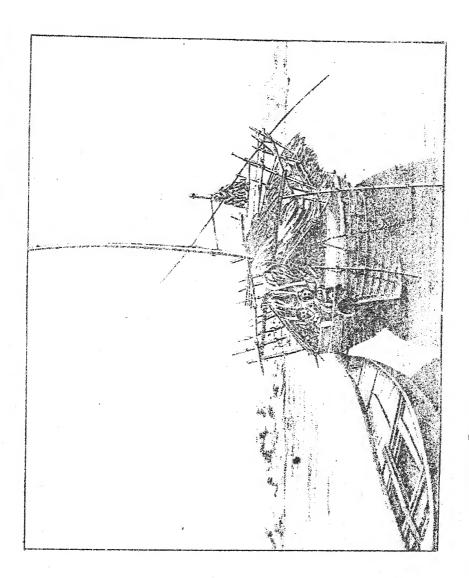
CHAPTER VI.—THE COUNTRY BOAT.

229. Boats are of various kinds. The following may be noted:—
The general term for a boat is নাৰ nāw, and to the west also নীয়া
nayyā.†

- 230. The larger kinds of boats are उनाँ स ulānk (which has a long narrow bow overhanging the water in front), में न इनो melhani (which has a broad bluff bow), पर जो pateli, or पर जो pataili, also called in Sāran कतरा katrā (on which the boards forming the sides overlap and are not joined edge to edge), कन हा kachchha (which is shaped like square shallow box, without proper bow or stern, and is steered with two rudders. It takes great burdens, and will go in very shallow water), and the सरझा sarangā, or in Shahabad खताना salīnā, and in Tirhut सरिझा sarinnā (which has a round bottom for shallow water).
- 231. Smaller varieties are size dohat or in Shahabad size doet (which has a flattish bottom for shallow water, and has its bow and

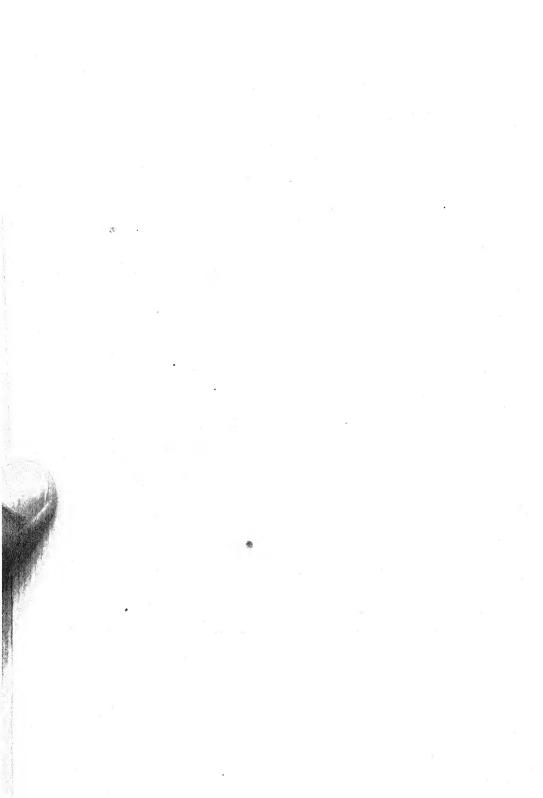
^{*} The fate of the ekka pony is well shown in the proverb द्वा ना घा इर् घाँभा दुमक्ता dāna na ghās, dunu sānjh dumkaia,—no grains or grass and the crupper on night and morning.

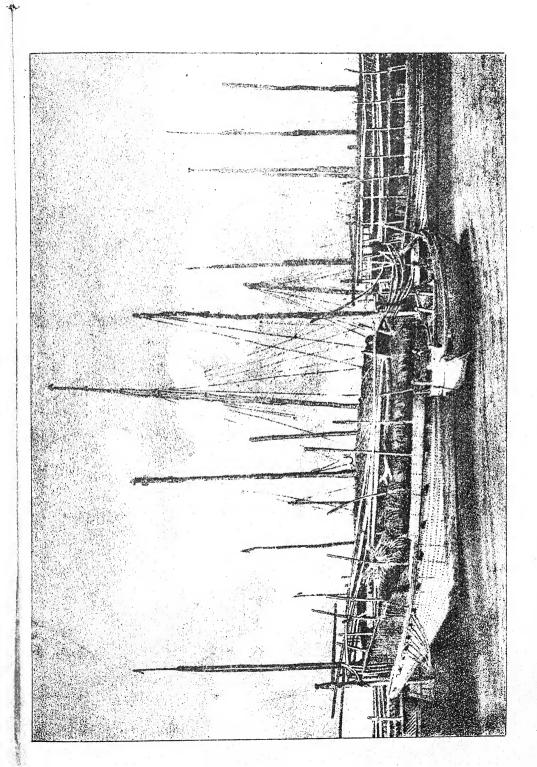
[†] नेया (Naiyā is a familiar or colloquial form of नाव (Naw) and is an exam-



PALWAR.

SARANGA







Bow of a Dengi Machhua.

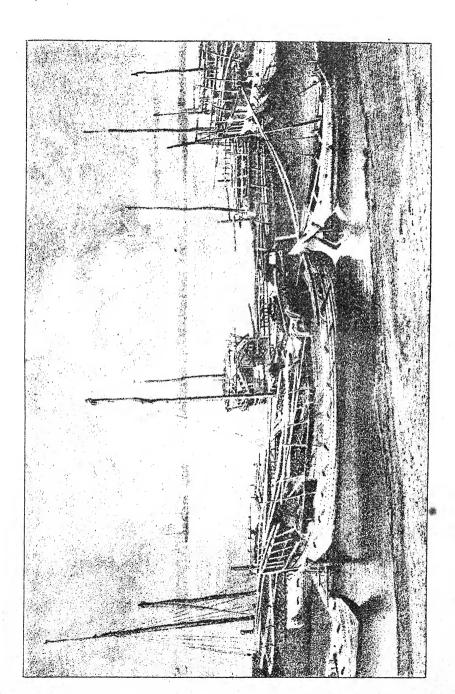
Pansùhı.

Dohat,

Stern of a Melhni.

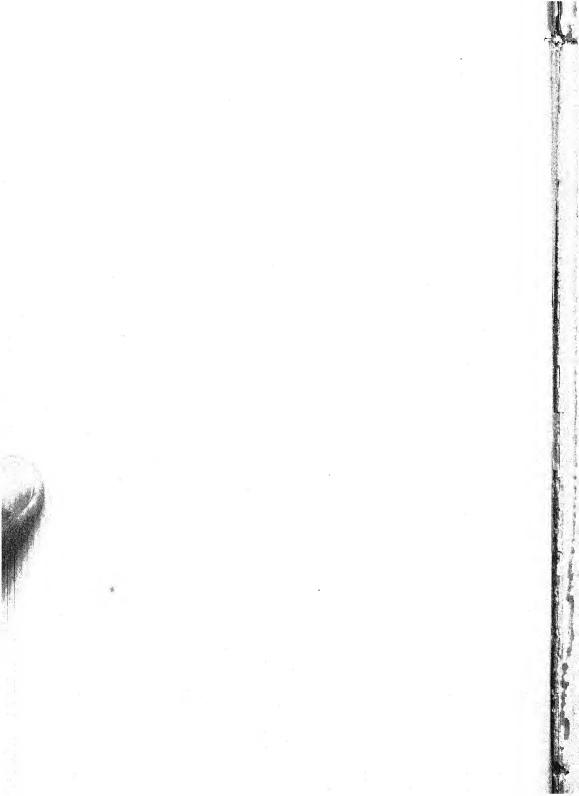
BOATS USED IN BIHAR.





SARINGA. PATAILL

PATAILIS. ULÄNK.



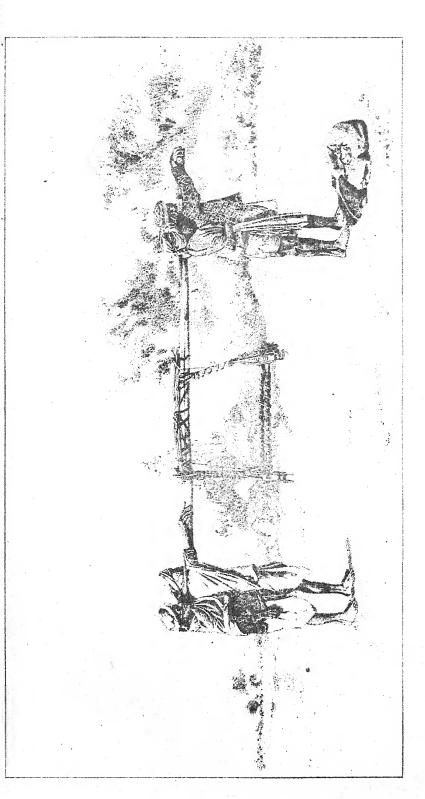
stern portions cut out of solid wood), and una el pansuhi (which has a round bottom, but goes in shallow water).

- 232. The smallest kinds are प्ल बार palwār or skiff and एकटा ekthā or dug-out. The latter is also called व गड़ा langarā. Also the खोल ने या kholnaiya, with both ends rising like a gondola well out of the water and which cannot sink. Another similar boat is called the हैंगी महन्या dengi machhua, or dingy. घर नई gharnaī (South Bihar) is a temporary raft made of water-jars (घड़ा) ghāra and bamboos tied together.
- 233. The parts of a boat are as follows: The thwarts are JET gūrha and the ribs बाता bātā or (in Champaran) उड्वाता tharbāta उड़िया thariya (in Champāran and North-West Tirhut) मोह्य gochha (in Sāran and South-West Tirhut), मञ्चा guchchhā (in North-East Tirhut), and नाइ kāchh (in South-East Tirhut). Smaller transverse ribs are ata bank. The outer planking is द्वार har or (in South Munger) बाकल bakal, (in Champaran and West Tirhut) ব্যাল bagal, and (in North-East Tirhut) काञ्चन पाटी kāchhak pāti. In Gaya it is जल महार jalmahar. In Shahabad the planks which run from end to end in the length of the boat are अहार ahar, and देवाल dewal is also used to mean the "wall" or side planks. The flooring inside the hoat is unea patan or usasa patawatan or in Saran uztil patauri. A long plank running over this is in Shahabad अपती apati. The grating above the bottom of the boat is चाली chāli or (in South-West Tirhut) उद्धा urhrha, and (in North-East Tirbut) पटाइ patāī. In a पटेली patailī the planks at the bottom which run from end to end are of at, lewa and in other kinds of boats महिया mariya or (in North-East Tirhut) महेबा mereyā, and in Saran मोरिया moriyā. The platform on which the rower sits is पटौरी patauri or विदन bilan. When on the roof of a large boat, it is बीट. bit or पटाइ patar, or in Shahabad इल मचानी halmachani or मचान machān. The deck planks in the middle are पाउना pātnā. चाचर chāchar is brushwood put in the bottom to stand on. कड्वा karwā or क ड्वा kanrwa are the posts which support the thwarts. সাঁকা jonka are iron rings to which the roof of the boat is fastened by ropes. In North-East Tirbut and South Munger they are called and kari.
- 234. When a boat is calked with the bark of the uহাৰ parās tree (butea frondosa) the calking is called হ্ৰৱ raswat, and when with hemp it is মছৰী gahanī. স্থায় atār (in Champāran and North-West Tirhut) is string used for calking.
- 235. The keel, which is the first plank laid in making a boat, is स्विका sikkā. In Champaran it is इन sahan, and पत्ते न patain or देखा dandā n South-East Tirhut. It runs the whole length of the boat, and hence

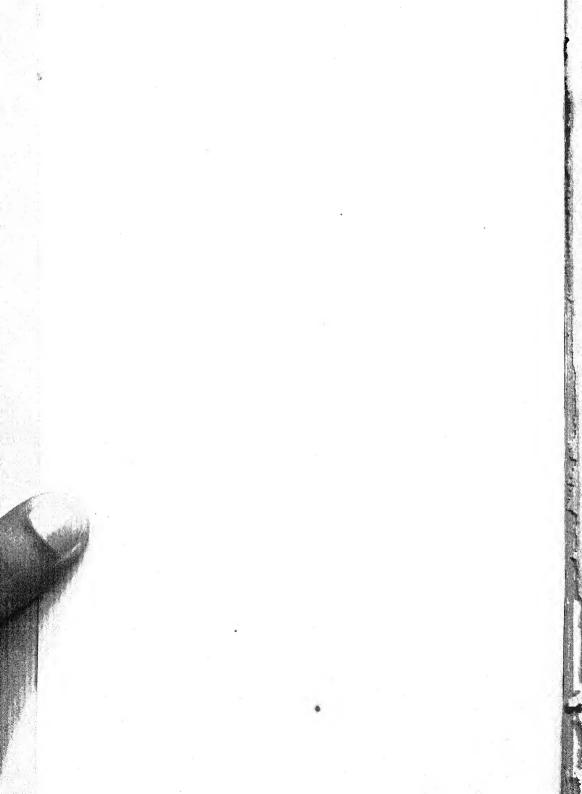
বিদ্ধা sikkā is also used to mean the two ends of the boat. The length of the boat is হ্ৰহ্ dawar, and is stern post মন্ত্ৰী galhi. The prow is মন্ত্ৰ malang, মানি māngi,* or মান্ত্ৰ māngo.

- 236. The rudder is पत्नार patwar or (in North Tirhut) पतियार prinjar. In Gaya it is पट्नार patwar. This is properly the lower piece. The rudder post is जोच gol, (in Shahabad, North-East Tirhut and, optionally, South Munger) छन्दा khamhā, or in Gaya जोचा gaulā, and it is fastened to the thwart by a rope called निया nathiyā. The tiller is च जा sailā or (in South Munger and North-East Tirhut) च एरा dantā, and the socket in which it works वनरा banarā or (in North-West Tirhut च thel, and (in North-East Tirhut) दे हरी thehri. One rope, by which the rudder is fastened to the boat, is ज इनसा ganrkassa, and another by which it is held up, is च क्विरिया ankawāriyā. The steersman is माँभी mānjhi.
- 237. च न्ता sewtā or (in South-East Tirhut) चीता sotā is the wooden vessel used for baling out water. An oar is डाँड् dānṛ, a paddle करबार karuār, केरबार keruār, or in Saran करबारी karuāri, and the blade of it पाता pātā. A punting pole is जानी lagoi or जाना lagoā.
- 238. The mast is गुर खा gurkhā or मन त्व mastāl, or in Shahabad गुन्रखा gunrakhā, and the yard is मोर्नो morni. The mast is raised on a post to which it is spliced. This is दर च चा darsādhā or जन्ने भा jasodhā in South Munger and Tirhut, जर सुधा jarasudhā in Champaran, and जन्मधा jubsadhā there and in North-West Tirhut. The socket in the bottom, in which the post is stepped, is दर सुधा के मिलवा darsādha ke maliyā or मल्ना malwā. The सन्निया satwaniyā is the thwart to which the post is tied. It is called in South-East Tirhut सूत् इवंद. The pulleys are चिर्नो ghirnē, and the sail is पाल pāl, and in Shaha-abad च त sārt or सुत निवा surtwaniyān.
- 239. The tow-rope is गून ç un or (in Gaya and the south-west) भोन gon, which is tied to pieces of bamboo called न तथा berua or खूटा khunta or in Shahabad नर्था baruā, which the boatmen press against their shoulders when hauling a boat up stream. The man who tows is गुन्वाइ gunwāh. जहाडी lāhasī is a cable, and जहार langar or गिरानी girābī the anchor. A large iron anchor is जोइ जहार loklangar or गिरानी girāmī.
- 240. To draw water (of a boat) is पानि तोड़न pāni torab to the east and पानि त रख pāni tural to the west, e.g., है कच्छा बहुत कम पानी त रत

^{*} The most comfortable seat is in the bow. Hence the proverb जिल्ला छेचाँ नहिं से स्राणित माँगि सनार anikā khewā nahin, se ayila māngi sawār,—the fellow who hasn't money to pay his fare takes the bowseat.



THE ORDINARY COUNTRY LITTER (DOLI).



बा i kachchha bahut kam pāni tūrat bā—this kachchha draws very little water. To be aground is टीक्ट tikab.

CHAPTER VII.-THE LITTER.

- 241. The litter is खहोती khatolī, होती dolī, or (in North-East Tirhut) खोट्यो khotlī. होती dolī is also used for the ornamented litter used at marriages, which is also called in South Bhagalpur चन्हों chandol or तहतहनी tartarwān. The last word is said to be a corruption of the Persian के क्षेत्र के takht rawān, or moving throne. In the west it is also called नाज की nālki or विश्वहती पालकी biyahutī pālkī.
- 242. The bamboo pole is and from it the litter is suspended.
- 243. The litter itself is with khatoli, and is a kind of small bed (ATUIN charpāy) with a bottom made of rough twine (ATI sutrī). The sides and ends of the bed are UTEL pātī. In South Bhagalpur, the sides are called UEL pattī and the ends (UTI sirvā. At each end, two pieces of split bamboo run up from each corner, meeting about 3 feet above the bed, and thus forming a triangle. These bamboos are called (UTI sipāwā, or in South Munger (UTEL sipākā, and in Sāran (UTEL sipāwā, and they are fastened to the corners of the bed and, at the apex of the triangle, to the pole by a string called UTEL sipāwā to strengthen them. A bamboo stick passes through the pole just behind the rear (UTEL sipāwā, and, descending perpendicularly, is braced to them by strings. This is called EXIL tenruā or XIL teruā It prevents the pole slipping round. The illustration shows a litter as carried by four persons, but this kind is more usually borne by two.
- 244. The feet of the bed are called पौचा pauā, and the strings for tightening the bottom of the bed are चौर्चन orchan, and also in Shahahad चौरहावन ordāwan.
- 245. Fastened to the pole-over the bed, and in a plane parallel to it, is an oblong framework of bamboo slips for supporting the canopy. This is called 32 it that rī, and in South Bhagalpur also 27 it chhat rī and the string braces descending from its four corners to the four corners of the bed, to keep this awning steady, are called at tān.
- 246. The illustration shows a litter without the curtains. When a woman travels in it, the whole is enclosed in a set of curtains like a bell-mouthed bag, called আহাত ohar or us zi pardā.

^{1.} বিষয়ুরী (biyahuti) means "appertaining to marriage."

247. A superior kind of litter, used by richer women, is मेग्राना meānā, मँग्राना menānā महण्या mahapphā, डाँडी dānrī, or डाँड्या danriyā. It has a domed roof, called उट ही thatrī, supported on eight pillars (four at each side), called उत्ता dantā. The side-boards of the body are called होवाज dāvāl, or in Shahabad दिख हा dilhā, and the doorway इहारी duhārī, or in South Munger इमारो duārī. The rest is like the होजी dōlī.

248. The वर हरी bardarī, or in Shahabad वर हरी barahdarī, also called in Sāran खर खरिया kharkhariyā, is the corresponding litter used by wealthy men. It is the native form of the Europeanized palankeen. In this the side-pieces at the bottom are called पाटी pātī or परिया patiyā the net bottom विगावट bināwat, the legs पौचा pauā, the side boards पटरी patrī, the four pillars at each side खिपीचा sipauā, the doorway इहारी Juhāri, and the roof इत chhat. The shelf inside at the feet end of the litter is हराच darāj.

249. The poles are called बाँख bāns, and the curved end of the front pole घोष thop. The four iron struts at each end are called तान tān and they meet in a ring (चुनिया chukiyā or in South Bhagalpur सामो samī), which goes round the pole. The inner end of the pole rests in a socket in the end of the litter, which is also called चुनिया chukiyā, and also in South Munger सामो sāmī or खनिया khubiya. The rope network filling up the space between the two lower struts at each end is called समावह kasāwat, or in South Bhagalpur समन kasan.

SUBDIVISION VII.

APPLIANCES USED IN RURAL MANUFACTURE.

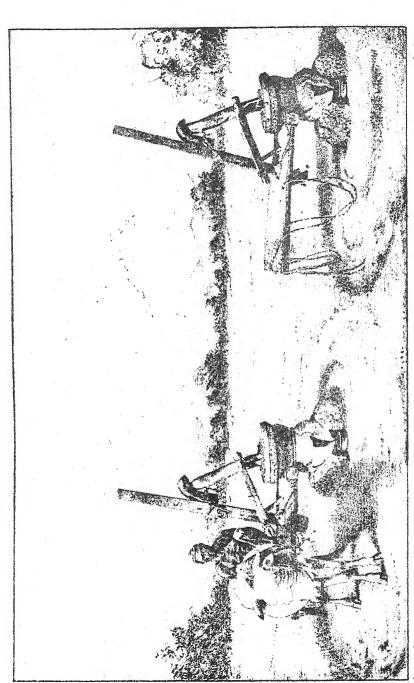
CHAPFER I.—APPLIANCES USED IN THE MANUFACTURE OF OIL.

250. The oil-mill is known as are kolha or and kolhā throughout the Province. In Gaya it is also and kelhā. It closely resembles the sugar-mill, as described in the next section, and a detailed description is not necessary. Nevertheless, owing to the circumstances stated therein, it has been found inconvenient to give an illustration of a sugar-mill, and accordingly the following description of a Patna oil-mill is here given in order to explain the accompanying sketches. To these reference can be made in reading the section on the sugar-mill, in which the few points of difference are noted. A well-known proverb

THE LITTER USED BY RICH WOMEN (MEYÄNA)



BARDARI (COUNTRY PALANKEEN).



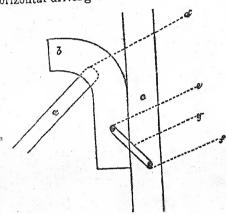
An orl-mill, showing the manner of yoking and blindfolding the bullock.

An oil-mill (kolhu)

about the oil-mill is देल खरी खाय नहिं,कोल ह पाटे जाय del khari khāy nahin, kolh chātai jāy,—(the bullock) won't eat oil-cake when it is given to him, and yet it goes to lick the oil-press; i.e., stolen goods are sweet.

- 251. The hollow wooden block forming the bed of the mill .-This is कील इ kolha or कील इ kolhū, and in Gaya also कील इ kelhū. In thi: the cavity in which the oil-seeds to be crushed are placed is known as te pet or হতে handā, or in North-East Tirhut, কু'ড় kūnrh and in Shahabad खान khān. In the oil-mill, this cavity is shaped like an inverted coné, the apex reaching to about midway down the block. There it is about two inches wide, and thence it widens again like an hour-glass till it leads into the back of the top of the faits niroh. The lower half of this hour-glass cavity is known as अवशे uthri. The lower end (मूडी mūnrī) of the pestle (सहन mahan) is just wide enough to fit tightly into the narrow part of the cavity at the waist. The upper half of the cavity is that in which the oil-seeds are placed. It has a lining of a series of longitudinal pieces of hard wood, wider at the top and tapering to the bottom, which are very tightly wedged together. These are called पाचर pāchar. Sometimes, when these get worn away by the constant working of the pestle, a fresh lining is put inside them. In this case the old lining is called 37 until tharpachra or in North-East Tirhut aquati tarpachra, and the new inner lining पेट्पच्रा patpachra.
- 252. The block is buried very deeply in the ground to steady it. The part below ground is called stijanghā. Round the base a circular mound of earth is fitted, called stat bhauntā, or in South Bhagalpur stat bhauntho, in North-East Tirhut stat bhattā, and in Sāran stat manjhauta; and in this, below the exit for oil, a space is dug out for the vessel (stat chhanna) receiving the oil.
- 253. The exit for oil is the triangular hole at the bottom of the block over the above-mentioned cavity. It communicates at its upper end with the saut athri. This oil exit, together with the cavity for holding the vessel, are together called faits niroh, and in Saran and Tirhut also attains.
 - 254. The flat top of the block is called WITT pārā.
- 255. The horizontal board to which the bullocks are attached.—
 This is called कारी katri. On it the oilman (तेलो telē) sits, and while he drives the bullocks he at the same time keeps pressing down the seeds into the cavity with his left hand.

256. The upright beam, or pessic, which moves in the hollow of the mill and crushes the seeds.—This is AFT mohan or AFT māhan To the west it is also called AFT jāth, or in Shahabad AFT mohan, and in North-East Tirhut, AFT mohain. The ball at the end of this beam which fits into the narrowest part of the hollow of the block, is AFT which fits is at an and this is AFT murwārī. The notch above this is AFT kānh or AFT kandhā. The upper end of the pestle rounded off is AFT chūr or AFT pūnchhī, and the curved piece of wood joined to this is AFT dhenkā, or in North-East Tirhut LAFT dhenkua. Thin curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-beam: thus—



- **257.** In the above sketch b is the \widetilde{C} and $dhenk\overline{a}$, a is the top of the wife, mohan fitting into it up to the point marked d. The upright post is c, which is fastened to b by a string g passing round the two pegs e and f.
- 258. The upright post is called सर्थन्त marthamh, or in Sāran सन्ति यम malik tham, the pegs e and f खंडो khūnti, and the string g मायन nādhan, or in East Tirhut जाय lādh and South Bhagalpur तथा ledhā. The string is generally made of straw. The upright post is fastened to the horizontal board, नत्री katrī, by a wedge, यह किसी garkilli, which goes through the former and under the latter.
- 259. The horizontal board revolves round the main block of the machine; at the end of the board nearest the block is fastend a thick lump of wood called Tell phenta, or in Saran Tell pheta, which acts as a kind of washer between the end of the board and the block, and which also rests against the latter, revolving in a horizontal groove (called High mandar) cut in the latter's exterior surface. A bamboo strut

runs up from the inner portion of the horizontal board to meet the upright post, so as to strengthen the joint. It is called ख्रालो kharchālī, or in North-East Tirhut खंड्यारी khanrchārī, and in Gaya and Shahabad खंड्या khanrchar.

- 260. The arrangement for stirring up the oil-mill.—This is called tail rewti, or in South Bhagalpur Htali bharnāthi or Etail uthanī, and does not exist in the sugar-mill. It consists of a peg, In thuūtī, standing up in the cavity amidst the oil-seeds, alongside the pestle; to its top is fixed a horizontal pole or handle, the other end of which is fastened to the upright post, Hture marthamha, by another peg, In thūntī. The whole therefore revolves with the pestle, the first peg moving amongst the seeds concentrically with it and stirring them up. At the same time the stirring is rendered more effective by the peg being perpendicular and the pestle on a slant.
- 261. The yoking apparatus.—The rope which is fastend to a peg in the end of the horizontal beam, passed round the hump of the bullock and back again to the beam, where it is tied into a hole, is called काटा kārha, and the rope passing under the bullock's chest, joining the two traces thus made, is पेटी petī. The canvas pad on the bullock's hump is काँची kāndhī, and the cloth or wicker basket by which he is blindfolded is टोक नी toknī or खोखा kholā, or to the east खोखा kholsa. The rope from the bullock's neck up to the curved block or देना dhenkā is प्राचा paghā, and the iron link fastened to this close to the bullock's neck is भाँच कार्ज bhaur kalī. The rope round his neck, connected to the प्राचा paghā by this link, is बाइवानी gardawānī, or in North East Tirhut बाइवानी gardāmī and in Champaran बाइवानी gardānī and that going through the bullock's nose is नाथ nath. A bullock employed in an oil or sugar-cane press is called a नाटाँ ने कnāta bail.
- 262. Miscellaneous.—The circle in which the bullocks move is called ult paur or ult paure, and in South Bhagalpur also ut bhar.
- 263. The pot into which the oil drops is called হ্বা chhana. As much oil-seed as can go into the press at one time is called घानी ghānā. The oil-cake which remains after the oil has been expressed is called खर्की khallā, or in Saran खरी kharrā, except the oil-cake of poppy seeds (पोसला posta), which is called पीना खर्की pīnā khallā, or simply पीना pīnā.

264. To work the mill is पेर्ब or पेड्ब perab.

^{1.} All the words spring from the word niza-neck.

CHAPTER II.—APPLIANCES USED IN THE MANUFACTURE OF SUGAR.

A.-THE CANE MILL.

- 265. The cane-mill is known as कोन्ह kolha or कोन् हू kolhā throughout the Province. Patent mills introduced by European firms are known as क्ल kal..
- 266. It is apprehended that the following description of a country sugar-mill will be of little else than antiquarian interest, for such mills are fast disappearing from Bihar, being superseded by the Englishmade iron crushing-mill made at Bihia. To such an extent has the use of country mills died out, that the writer found it impossible to find a single one in the sadr subdivision of the Patna District which was in a fit state for a photograph to be taken of it. They had all been broken up for firewood, only a few dismantled ones being available. For a general idea as to its appearance, the reader is referred to the illustrations of an oil-mill in the last chapter.
 - 267. The following are the principal points of difference :-
 - (1) The hollow in the block has perpendicular and not sloping sides, and it is hence cylindrical, and not conical, in shape.
 - (2) The sugar-mill has no रेव टी rewti.
 - (3) In a sugar-mill the pestle and its appurtenances are on a much larger scale. The 前言 mohan is six or seven cubits long, while in an oil-mill it is seldom more than three and a half cubits, the rest in both cases being in proportion.
 - (4) The names of the parts differ.
- 268. The hollowed wooden block forming the bed of the mill.—This is generally known as क्षेत्र kolha or को ह kolhā. The cavity in this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as खान khān, or in Champāran प्रक्रिय ; and to the east, क्षा kunda or क्षा kūnra. In Shahabad it is known as द्वा handā or द्वा वा hanroloā. In South Munger it is द्वा hānrā, and elsewhere south of the Ganges, द्वा handha or द्वा hānda. Round the edge, at the top of this, a rim of mud is sometimes placed to prevent the pieces of cane falling off. This is called पाँड pinr. An iron ring fastened round the block to strengthen it and prevent it from splitting is च ban, and in Tirhut also पत्र pattar, and in South Bhagalpur पड़ी marro.
- 269. An iron ring is sometimes fixed under the block to prevent it being worn away by the crushing-pestle. This is geneally the terms of the country of the

morwār, with variants मोर्बाइ morwāh (North-East, Tirhut), सुद्वार murwār (Shahabad and Patna), सह mūr (Gaya) स्ट्रा murera or मह्नारी murwār in South Munger, and यन्द्रा chanvā in Saran. The पान् ह or पान्र pāchar is a round piece of wood placed in the bottom of the cavity and on which the crushing-pestle moves. रोहा or रोरा rora is used for the smaller wedges of wood placed in the cavity above this to help in crushing the juice. These are also called च रिया chandiyā in Champaran and North-East Tirhut, and खान hhonch to the east. In Saran and Champaran रोन raun is canal cut on the surface of the block through which any juice thrown up may flow back into the cavity. In North West Tirhut this is called रेन rain, in North-East Tirhut रखेंच raspain, and in South-East Tirhut खार khātā.

- 270. The drain for the juice cut in the bottom of the block is to the north नरहो इ nardoh; also in Tirhut नरो इ naroh, in North East Tirhut नरोहो narohī, and in South-East Tirhut रसेइ raser; in South-West Shahabad it is गुज्जस्था gujuruā, and in the rest of the district जोहा johā or र सहा rashā; in Patna it is रस्वारा rasghāra or निरोह nīroh; in Gaya it is होनी chhonī; in South Munger, चीना chonā; and in South Bhagalpur. जरलो larlo.
- 271. The wooden spout through which the juice drops is un net patnārā. In the body of the block a channel is cut in which the block with an phentha, of the driving gear works. This is called ut it ghurrā in Shahabad and Hitz māndar in Patna.
- 272. The horizontal board to which the bullocks are attached.—This is कत्री katrī, with a variant, कार्तार kātari or कास्र katar, in Shahabad, South-East Tirhut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of the mill and crushes the cane.—For this three names are current, viz. दोहन mohan (Tirhut, except the north-west, Champāran, Patna, and South Munger), with variants, महन mahan, in Gaya and North-West Tirhut, and दोहन mohan in Shahabad, जाउ lāth (Tīrhut and Champāran), and जाउ jāth (Tīrhut and Shahabad). The last word is used in Sāran only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the hollow of the block, is मूँड लग्गर, मूँड़ा लग्गर, मूँड़ा लग्गर. The notch above this is north of the Ganges and in Patna कान्ह kānha or कचा kandha. In North-West Tirhut it is कन्द्रिया kanhiyū, and in South-East Tirhut प्रशा panjā. In Shahabad it is कार्य kān or बोबार longra. In Gaya it is

end rounded off is ना chūr or पारिया chūriyā, or (in North-East Tirhut) end rounded off is ना chūr or पारिया chūriyā, or (in North-East Tirhut) सङ् mūnr; and the curved block of wood joined to this is देशा dhenkū or (in North Tihut. bahabad, and Scuth Bhagalpur) दिश्रमा dhenkuā and in Sāran दिश्रमा dhenkuhā. This curved block of wood connect the pestle with the upright post which is fixed in the horizontal driving-board.

- 275. This upright post is north of the Ganges, to the west, हर हा harsā or हरिटा harisā, and to the east (and in South Bhagalpur) मानिक यम maniktham or मानिकयम māniktham. In Shahabadit is मन्द्रम mankham, in Patna and Gaya हे हा khūntā or म्रायम्ह marthamh, an मानिखम mānikham in South Munger. The pieces of wood which keep the beam of the driving gear in the channel at the base of the block are जीभा iībha or जिभिया iibhiyā, or in Saran the front one is called फरा phentā, and the back one कार्य kanail or (south of the Ganges) कर्या phentā, and in Sāran क्या kanaili. In North-East Tirhut they are called जिन्दिया iibiyā.
 - 276. A rope of straw supporting the pestle by fastening it to the upright beam is north of the Ganges, to the west, नायन nādhan, in Champāran नय ना nadhnā, in Tirhut नयान nadhān, but in East Tirhut Champāran नय ना nadhnā, in Tirhut नयान nadhān, but in East Tirhut जाय विदेशी. In Shahabad it is दे ह्ना tanṛnā, in Gaya नाय नरता nādhā baratā, in Patna नायन nādhan, in South Munger नाय nādhā or नाइ barah and in South Bhagalpur नारंगी sārangī, or नेया ledhā.
 - 277. The bamboo strut attached to the horizontal driving-board and running up obliquely to meet the upright post, is called north of and running up obliquely to meet the upright post, is called north of the Ganges द्वार पांडी kherchā rī, or south of it समोरा kamorā (Shahabad), उड़्यर kharchar or खर bad), उड़्यर kharchār (also in Shahabad), उड़्यर kharchar or खर bad), उड़्यर kharchārin (Patna and Gaya), इड्यर kudanriyā in South Unger, and खर बाह्र kharchārū in South Bhagalpur. This is fastened Munger, and खर बाह्र kharchārū in South Bhagalpur. This is fastened to the driving-beam by a rope, called बाह्य nāran or बाह्या nadhā, or in East Tirhut खार्च lāran.
 - 278. The part of the horizontal beam on which the driver sits in कार्वार kātari, कार्वर kātar, or कर हो katari as above.
 - 279. The leather thong by which this horizontal beam is connected with the yoke is नाचा nadhā or (in Saran) कर्न से kanhelī, (in Gaya) ना ना ना ना ता nadha bartā, and in Patna माना mānjhā. वाड़ kārh or (in North-East Tirhut and Shahabad) नाइ। kārhā is a rope which is tied North-East Tirhut and Shahabad) नाइ। kārhā is a rope which is tied to a peg in the end of the horizontal board, passed round the hump of the bullock and back again to the board, where it is tied into a hole the bullock and back again to the board, where it is tied into a hole

and the rope passing under the bullock's chest, joining the two traces thus made, is ust pets.

- 280. Miscellaneous.—The circle in which the bullocks move has various names, viz. तार्पोर gorpaur (Sāran), पोर्र paudar (Campāran and Shahabad), पौर paur or पौरी paurī elsewhere north of the Ganges, in Patna, Gaya, and South Bhagalpur, वही bahī also in Patna, and वह परा barharā in South Munger.
- 281. The receptacle for the cane before it is cut (generally a hole in the ground) is गेंड्यारी genriyārī generally, and गेंड्यार geriyār to the west. The receptacle for cane ready cut is टोनियारी toniyārī, with variants टोनियारी toniyātī (Sāran, Champāran, and South-West Tirhut). टोनियासी toniyāsī (North-West Tirhut), and टोन्खास tonkhād (South Bhagalpur). In Shahabad it is called आगर वार angarwār.
- 282. A wooden mallet is used for pressing the cane under the crusher. This is und thap; also in North-East Tirhut under the
- 283. The cane as it is crushed is stirred up by hand, and the man who does this is called मोर्बाइ morwāh or मौर्बाइ monrwāh, or in South Bhagalpur चन्ताहा ghanwāhā. This man sometimes drives the bullocks also, and when he does so he is still called by this name.
- 284. The pot into which the juice drops is called generally खोरा khorā or (in South-East 'lirhut) खोर khor. other local names being नाइ nād (Shahabad) and द्वारा kundā (Shahabad, West Tirhut, and Patna), or (generally) इसा chhannā. Over this is often placed a basket or earthen pot with the bottom pierced like a sieve. This is called generally इसा chhannā, रसझा raschhannā, or देनी chhenā. Local names for this are तरीझी taraurī (Sāran and Champāran), इसा chhittā (also in East Tirhut). or इसा chhirhirā (Shahabad), and इसिया daliyā (South Munger), An earthen vessel for holding the juice is in Gaya इसा hathailā.
- 285. From these vessels the juice is removed to the boiler in a pot called atte or asie karāh, or sometimes attet karāhā.
- 286. The blocks on which the cane is cut are north of the Ganges and in Shahabad निस्हा nisuhā, a variant being निस्चा nisuā in South Bhagalpur Other names are देहा thehā (North-West Tirhut), परियेटा pariyethā (Gaya), जनाउ kukāth (Patna), पर कट parkāth (South Bhagalpur), and टोन कटा tonkatta or टोन कट tonkat in South-East Tirhut and Munger.
- 287. The hollow in the mill is in Bihār cleaned by hand while the crusher is turning: hence there is no apparatus in existence for raising the latter, as there is in Gorakhpur and Azamgarh.

288. The basket from which the mill is fed is इटो chaint north of the Ganges, with a variant, छोटो chhītī, in North-East Tirhut. In Shahabad it is छोड़ो orī (also in East Tirhut) or खेंचे khainchī, and in South Bhagalpur चोड़िया oriyā. In Patna it is बटा battā, and in Gaya परिया pathiya. The pieces of cane cut up ready for the mill are ग्रेडी genrī to the west and optionally in East Tirhut, and टोनी tonī in Patna, Gaya, and to the east. In South-West Shahabad they are जारो angārī.

289. As much chopped cane as can go into the press at one time is चानी ghānī, and as much juice as can be boiled at one time तान tāw. The latter is also खे पान khepān in South-East Tirhut, पान pāk in Patna, and रान rān or रान्ड rān! in South Munger and South Bhagalpur.

290. The cane after the juice is expressed is called खोदया khoōyā, with local variants छोट्या khohiyā (Patna Gaya, and the east) and खोददा khoōhā in South Bhagalpur. In Shahabad, it is also चेपुचा chephuā.

291. To work the mill is पेर्च or पेड्च perab, and when several cultivators take it in turns, each turn is called भाँच bhānj, पारी pārī, or (Gaya) पच्टी paltī. When men work it turn by turn, they are said to do it भाँचा चिरे bhānjā sire north of the Ganges, फेरा पारी pherā phārī in Tirhut, and elsewhere पारा पारो pāra jārī. Sometimes a mill is owned by co-sharers, and then their taking it in turns is भंच इरिया thanjhariyā, चिन्चे ती sajhiyaitī, or (Tirhut) चच्चेती sabthaitī, and also in North-East Tirhut, चिन्चा sajhiyā. In South Munger देन dhenk is the working of a mill by cultivators for a week in turn, one after the other, till the turn of the first comes again.

292. The men engaged on the mili are as follows:-

(1) The man who cuts the standing cane.—This man is আমাজীছা angerthā to the west generally মাজ্বছিয়া genrwahiyā in the north-west, ঘল নাছা pajwāhā and ঘমানাছ pagarwāh or ঘামানাছ pangarwāh in Tirhut. In Shahabad he is also মাজ্ ছোৱা genrchhīlā, or in the southwest of the district, ছোল না rhohlwa; in Patna and Gaya he is কানা ঘামা ketarpārā (from কানামা ketāri, sugar-cane), ঘানাছা partāhar, or দামা নিছায় pharnihār, and in South Munger কানা ঘামা katarpārā or ঘামা patarpārā. In South Bhagalpur, he is মাকাহা ghurkattā or কাহনিয়া ka'aniyā.

In Saran and Champaran these men do their work without wages in money, their pay being the leaves of the cane which they cut, which they take home and use for cattle fodder.

- 293. (2) The man who cuts the cane into lengths for the mill is কাল kānū in South Tirhut and Sāran. In Champāran he is uক্ৰাই pakwāh, and to the west he is মাহিনাই। genrikātā or ভামহোৱাই angarwāh. Elsewhere he is ইাৰ্কাই! tonkatta, with a variant, ইাৰ্কিই! tonikatta, in South-East Tirhut. In North-West Tirhut he is simply called মন্তা majūrā, and in North-East Tirhut sometime ভাৰ jān. In Sāran and Champāran the same person cuts the cane and boils the juice, hence his name.
- 294. (3) The driver of the mill is कतर्वाह katarwāh, with variants कतर्वाह katariwāh or कतर्वाहा katarwāhā, and in South Bhagalpur कतर्वहा katarwahā. In South-West Shahabad and in Tirhut he is called हॅकवा hankwā.
- 295. (4) The man who feeds the mill.—He is মাঁহ্ৰছে monrwah or মাহ্ৰছে norwah generally. In Patna and Gaya he is ঘৰ্ৰছে ghanwahā or (in South Bhagalpur and South Munger) ঘৰ্ৰছা ghanbahā.
- 296. (5) The man who removes the crushed cane.—He is হলু সাই haluāī in North Tirhut; elsewhere this is done by the man who feeds.
- 297. The buildings.—The whole manufactory, including both cane-mill and boiling-house, is called কাল্ছসাহ kolhuār, or in South-West Shahabad মালাহ golour. In Patna, Gaya, and the east it is called কাল্ডাহ koisār.
- 298. The house in which the cane is cut into slips for the mill is called म इयार genriyār, or म इयारी genriyārī to the west and डोनियारी thoniyarī to the east. Local varieties of this last are डोनियास toniyāsī in Nort-West Tirhut and डोन् खाइ tonkhād in South Bhagalpur.
- 299. Folklore on the subject.—Near the place where the cane is cut into slips the men make a round idol of a diety called HATE TE makkār bir, or in Shahabad HEATE TE makkār bir, and in North-East Tirhut HEATE makkār. He is said to have been originally a Dom, who once came to a sugar manufactory in the olden time and asked for juice, which the people refused to give to him. Thereupon he jumped into the boiler and was boiled to death. His spirit became defied, and is now worshipped by the workmen. The worship consists in pouring a little water on the

image when the cane is brought into the manufactory from the field, so that he may wash himself. Then five canes are put before him. They are then cut up and put first into the mill. The first juice that comes out is also poured over him, and then the rest may go into the boiler. In South Bhagalpur the diety worshipped is fewari biswakarmā.

B.-THE BOILING-HOUSE.

- 300. This is in Sāran गुड़ीर guranr, and in Shahabad गोलीर golaur; elsewhere it is simply कोल हुआर kolhuār or कील सार kolsār as above.
- 301. The fireplace is বুল হা chulhā, or in South Munger মান্টা gamher. The hole through which the fire is fed with fuel is generally মুহ্ muh or মুহ্ munh, but in Patna and Gaya it is মাহ আ mohkhā. The hole through which the fire is raked is ঘাঁঘা sānsē generally north of the Ganges, মাহা nangrā in North-East Tirhut, আঁম্বা langrā in Shahabad, তুঘাৰ udhān in South-East Tirhut. Elsewhere it has no special name. In Sāran আমহা langrā is a receptacle for the juice when removed from the boiling-pan.
- 302. The outlet for smoke is খুলাৰৰ dhuān kas north of the Ganges and in Shahahad. In South-West Shahabad it is খুখুৱা dhundhukā, in Gaya it is ছিলা hikka, in Patna ছাল hink, and নাঁ ছা nengrā in South Bhagalpur and South Munger.
- 303. The stick used in a poker is खोरनी khornē, or in Patna खोर ना khornē. Local names are कोरीना khodaunē (South-West Shahabad) जार वार lahwāē (Shahabad), and अंचना anchnē (to the east). In Shahabad पार्टी pharuhē, or in the west generally पार्टी phahūri, is a piece of wood used for raking out ashes. The man who stokes the fire is called जान kānū north of the Ganges and in South Bhagalpur and Shahabad. Local names are ध्राजासाय dhurkamiyā (South-East Tirhut), पुरुष्माना chuljhonkā (East Tirhut and Shahabad), पुरुष्माना chulhanchā (East Tirhut and Gaya), अंचनादा anchwāhā (Patna), and कानादा anchtāhar (South Munger).
- 304. The vessel in which the juice is collected before boiling is नाइ nād or नाइ। nādī, or (in Gaya) चडा chattī, (Nort-East Tirhut) नारी gagrī or चला ghaila. Generally, however, it is kept in the इसा chhanna (see above), of which there may be several in use at one time.
- 305. The spoon for taking the juice out of the boiler is north of the Ganges, to the west, as a kathaki or as give kathkhurpi, and to the east (also in Shahabad) as saik or as saikā. Elsewhere south

of the Ganges, it is सफर्ड saphaī or सफेश saphaiyā. In South-West Shahabad, it is, however, डोइ रा dohrā, and in South Bhagalpur it is स्पृटी daptī or स्कृ dabbū.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खर्पा hhurpī generally. In Sāran and Champāran it is खर्पा khurpā, and in North-East Tirhut कड खर्पी khathkhurpī, the meaning of which here is different from that in Sāran, Champāran, and West Tirhut. In Patna it is पेड़नी pernī, and डप उन daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer घोना is paunā, or (North Tirhut) में ज इसा mailchhannā, (South-West Shahabad and South Bhagalpur) घाणी thāpā (also made of wood), and मां मारा jhanihrā in Patna, Gaya, and South Munger. Sometimes it is not necessarily of ironand then it is खरणा khurpa in South-West Shahabad, द्या hathā or, दर्या hatthā (of earthenware) in Patna, Gaya, and South Munger, and हनीट chhanautā in Sāran and South Bhagalpur.
- 308. The boiling-pan is called नाराइ, नाइ। karāh or नाइ। karāhī. The earthen vessel used for removing the cooked juice from the boiler is north of the Ganges चेन saik or चना saikā, and in Shahabad it is पंगीरा pangaurā; in Sāran it is पाँड़ा paunrā. The pot in which the boiled syrup is placed is called महन्ती matukī south of the Ganges, also (South-West Shahabad) आड़ी orī, (Gaya) नहना nadwā, खोरा khorā in the South-East, and नूड़ी kūnrī in South Bhagalpur.
- 309. नाइ nād is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पौड़ा paunța or पौड़ी paunțā. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called पुर्दम, gurdam or (in South-West Shahabad) पुर्दम, gurdan. In Tirhut it is also called द्व कन dabkan, and in South-East Tirhut सपद sapaā.
- 310. In North-East Tirbut HTZ māt or with is the large vessel in which the juice is finally coagulated. These are in Tirbut graver, and in Champaran (made of sun-baked earth) Ext. dehrā.
- 311. THE $r\bar{a}b$ is undrained raw sugar, and $q\bar{q}$ is $r\bar{a}b$ boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

O.-THE SUGER REFINERY.

- 312. A sugar refinery is known as चीनी के करखाना chīnī ke kar khānā or चीनी के गोहाम chīnī ke godām. South of the Ganges the word खंड्सार् khanṛsār or खंड्सारी khanṛsārī is also used. The house in which the sugar is refined is called चूल्हा के घर cnūlha ke ghar or कराह् के घर karāh ke ghar. In South Bhagalpur it is भठा bhatthā.
- 313. In making coarse sugar (काँची चोनी kānchī chīnī), a vat. a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad हो ह haud or हो हो haudī, in Gaya चह बचा chahbachcha, in Patna खंड् गर्ना khanrgarnā, and in South Bhagalpur गुर हाडी gurhandī. North of the Ganges and in Gaya it is नाइ nād or नाँइ nānd.
- 315. The drain is नाली nālī or नारी nārī, or in South Bhagalpur नार्हा karha In Sāran it is also called खाला khātā.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, নাহ nād or নাঁহ nānd. In Shahabad it is ভীমা dobha, in Patna হীই haud or বৰ্জা charnā, and elsewhere south of the Ganges বহু বহা chahbachchā.
- 317. The treading-floor is पटा pattā north of the Ganges. South of it, it is in Shahabad पाटा pātā, in Patna and Gaya चन्तरा chabutarā, and to the east चटी chattī.
- 318. In making regular sugar or सक्तार sakkar, the drain and the reservoir are used as before. The bundles (मोट हो motrē, or in Patna नार हो nārgē, in Gaya ध्या thaiyā, and in South Bhagalpur गाजा gājā) of sugar are tied up in cloths जिया lothā or (in Patna and Gaya) छन्। of sugar are tied up in cloths जिया lothā or (in Patna and Gaya) छन्। of sugar are tied up in cloths जिया lothā or (in Patna and Gaya) छन्। of stone or sun-dried clay. The framework is called north of the Ganges खाँच khānch or खाँचा khānchā, or (in Champāran and East Ganges खाँच khānch or खाँचा khānchā, or (in Champāran and East Tirhut) छैटा chhaintā. In Shahabad it is टटरी thatrē or दिवही tikthē, in Patna and Gaya टेक टी tekthē, and in South Bhagalpur चाँचरी chānchrē. The weights are चाँपा chāmpā, or, when made of stone, प्रयुक्त pathal, or in Sāran चापी thāpē.
 - 319. The following utensils are used in the boiling-house :-
 - (a) An iron boiler, কাছে karāh, কাছো karāhā, or কাছো karāhā.

 When an earthen boiler is used, it is called অপু হা khapṛā or অপু ই khapṛā, or in South-West Shahabad and East Tirhut অথু ই athrē.

- (b) An iron ladle for removing the scum. This is इतीटा chhanautā or पौना paunā, also in Patna and Gaya आ मा रा jhanjhrā.
- (c) An earthen pot with holes in it, used as a filter নাহ nād or নাহ nānd. In South-West Shahabad it is ইতিবাল নাহ thenthiwāl nād.
- (d) A filter of river grass, known as ইবাহ semwār or হাবাহ sewār, or in North-East Tirhut ই মাহ semār.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called ঘিনুসা situā, or in South-West Shahabad হিন্তা situhā or মুন্তা sutuhā. A curved knife used for the same purpose is ঘিতাৰো sihornā in Sāran and Champāran, উত্থাৰ বা sehornā in Shahabad, and ভাতৰ soharnā in North-East Tirbut.
- (f) The filtering-basket for cleaning the same is ভাষা khānchā or ভাষা khānchī. In Gaya it is ভল্য dalwā, and in the east also ভলা delā.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges বামিষা tāmiyā or (in Sāran and North-East Tirhut) ব্যামষ্যা tamiyā. South of the Ganges it is ভল্লু dabbā, (in Shahabad) মুহ্ৰন্ gurdan, or in South Bhagalpur সাম্য jhanjhrā.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is বামা tāmā north of the Ganges; in Shahabad it is ন্তৰ্বনী khurchanā or ভাছ্যা dohrā; in Patna, and Gaya it is হৌৰ্নী chholnā; and in South Bhagalpur ভাছ্ বা dohlā.
- (i) The earthenware jug for pouring the syrup into the boiler is संसा saikā, also ছব্যা hatthā in Patn and Gaya, and দ্বা panchnā in South Bhagalpur. A larger jug of the same kind is বিমানা north of the Ganges, and বিষানা inibrā or ঘাইছা parchhā south of it; also নীলা taulā in the east.
- (i) The wooden supports of the filter are north of the Ganges নাবা khātā, or ভূৱা বলা khuntā ballā south of the Ganges. They are in Shahabad বিজ্ঞা sirā (also in South Munger) or বিষয়ে tirpāi, and ই মাহ tepāi in South Bhagalpur. In Patna and Gaya they are made of earth or brick, and are called নাৰা gorā.

(k) The shovel for stoking the fire is দ্বা pharuhī or দুৱা phahurā in Sāran and Champāran, and দ্বা pharuhā or লাহায় kodārī in East Tirhut. In Shahabad it is অভ্না kharmā, or in south-west of the district দ্বা pharsā. In Gaya it is লাহেনী karhnī, in Patna আন লাহেনা agkarhnā, and in the east লাহেল karchhul.

(1) The ladle for stirring the hot syrup in the cooling pan is तिसयाँ tamiyān north of the Ganges and तिस्या tambiyā in Shahabad. In South-West Shahabad it is उन्ह् dabbū, in Patna and Gaya घटना ghatnā, and in the east also

हावा विकित.

(m) The piece of matting or cloth in which the sugar is dried in the sun is uta pāl, also in South-West Shahabād utat pāta, in Gaya zwī tappar, in Patna zīz tāt, and in South Bhagalpur and chattā.

(n) The flat wooden pans for cooling the syrup are কঠাবা
kathautā or কঠাবা kathautī, also in the east কঠাবা
kathaut, and in Saran কঠাবা kathawat.¹ In Saran and

Champaran they are नाइ nād or आसीनी osaunī.

(o) The vessel into which the juice drops as it is filtered is uহছা parchhā or (North-East Tirhut and Shahabad) বীৰা taulā.

CHAPTER III.-APPLIANCES USED IN THE MANUFACTURE OF INDIGO.

320. Indigo manufacture is confined almost entirely to North-Gangetic Bihār. 2

321. The indigo beating-vat is महाद के होन (or होद) mahāi ke hauj (or haud), and also in North-East Tirhut महनिया होद mahaniyā haud. The water reservoir is खनाना khajānā. The upper or steeping-vat is बोमाद के होद bojhāī ke haud, or in East Tirhut बोमानिया होद bojhaniyā haud. The rake for agitating the fermented liquor is फहरी phahurī in Sāran and फरहा pharuhā elsewhere. In North-East Tirhut it is also फरमा pharmā.

¹ कटोती (Kathawti) is a diminutive form of कटाता (Kathawtā) Cf. कटोग (Katorā) and कटोरी (Katorī).

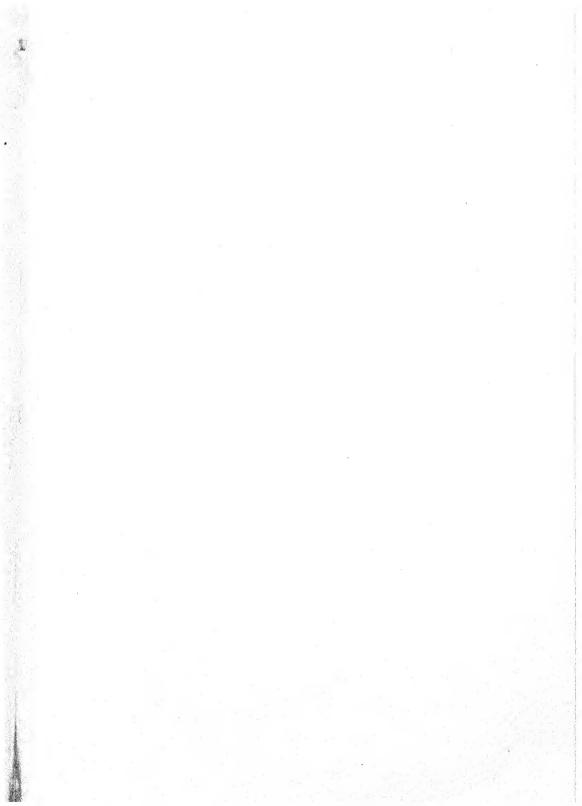
² The author is indebted to W. B. Hudson, Esq., for much of the information contained in this chapter. The system of manufacture described is the old style, now only used by the Indian. In European factories the use of steam power has made considerable changes.

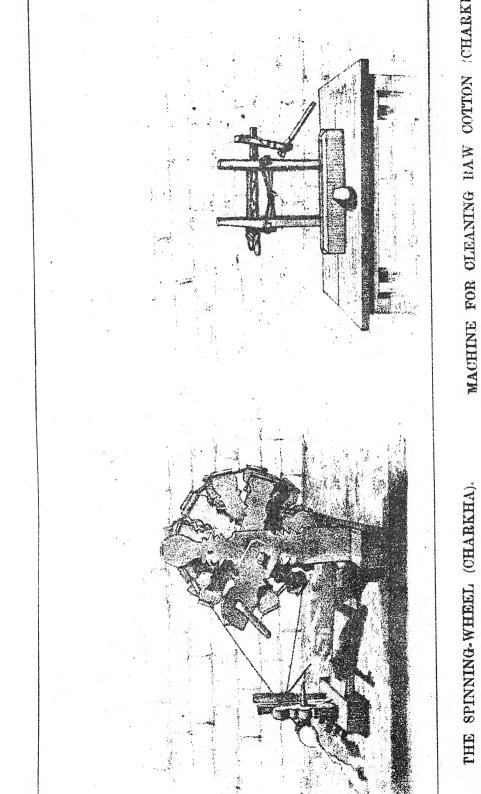
- 322. The beams of wood for pressing the plant are হৰাই dabantā in Sāran and Champāran, মহুলীয় sahtār in Tirhut and Saran হাৰ্ dāb or ঘ্ৰ dharan in North-East Tirhut, and ৰাম bām in South-East Tirhut. These are supported on projections in the walls of the vat, called মনুধী majusā, or in Champaran হাৰ্ tān. In East Tirhut they are called বিষ্ পাছা sirpāhā. Under these pressing-beams are placed, ৰহা ballā, or in Saran কৰ kainch, which are bamboos laid immediately on the top of the plant.
- 323. The होद्री haudrī (Sāran and South Tirhut) or मान माड़ी māl jharī (Champāran and North Tirhut) is the small reservoir where the indigo juice collects to be taken to the boiler. The drain is नाली nālī or नारो nārī, or in Saran मोरी morī, and the द्यान chhekan is the door by which it is closed. The strainer is द्या chhannā, or in South West Tirhut चद्द chaddar.
- 324. The boiling-room is কাৰ্ছ ঘৰ karāh ghar. The মাল mej is the wooden or masnory straining table in which the indigo is jut after being boiled. This is the name in Sāran, Champāran, and West Tirhut; to the east it is বাৰ মৈল būlū mej or (in South-East Tirhut মাল মাল মাল māl mej.
- 325. The पोरिस pārich or पोरिस pāris is a corruption of the English word "press," in which the boiled liquor is placed in cloth and the water pressed out. In Sāran डाखा dāl,ā and elsewhere चलना chalnā, are the perforated boards placed above and below the indigo in the press. The screw of the press is पैस pench. The square boss or nut on it is दिन्दी dhibrā. The मोर्नो mornā is the spanner or apparatus for turning the screw. In South-East Tirhut it is also महोर्नो mamornā or पेस्तस pech kas. The large wooden beam through which the screw passes is देशा the hā in sāran, and elsewhere द्वीश d.bautā or दान dāb; when it is made of iron it is called in South Tirhut नॉक bānk. The कुट का ku kā are small pieces of wood placed below and above the डाखा dātā or चल्ता chalnā.
- 326. The machine for cutting cakes is with phurma, and the wires with which they are cut $\exists i \in I$.
- 327. The cakes of indigo are गोरी gotī, and they are dried in a drying-house, गोरी घर gotī ghar, on shelves, called in East Tirhut मचान machān, and elsewhere चाली chālī.

- 328. The following are among the implements used in indigo agriculture:—
 - (1) The धर्म जन्मी dharm lagge, a wheel for measuring land each revolution of which covers one जन्मी lagge.
 - (2) The meter kudar or mette kudara, a mattock for digging.
 - (3) The Et har or plough, which is of two kinds-
 - (a) বিভায়নী bilāetī, or English plough.
 - (b) देसी desi or कडोर kathaur, the country plough.
 - (4) zist tānri, the drill plough.
 - (5) वारा kantā or खाडोर्नी khakhornā. the rake or harrow.
 - (6) खुर्पो khurpī, the spud for weeding.
 - (7) इाँसू hānsū or इंसुमा hansuā, the sickle for cutting the plant.

CHAPTER IV .- THE SPINNING-WHEEL.

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirhut, in the year 1879—
 - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a bigha and a half of cotton field. The cotton बाँगा bāngā (see § 1016 for the various names and varieties) was of the kind called बोक्टो koktā, which ripens in the month of Bhādon (August-September). It was pulled out of the husk from the tree.
 - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called at az karkut. This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
 - from the sim bangā. This is done by a machine called sinch thick, of thard wood tightly wedged one above the

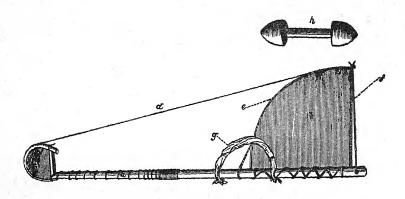




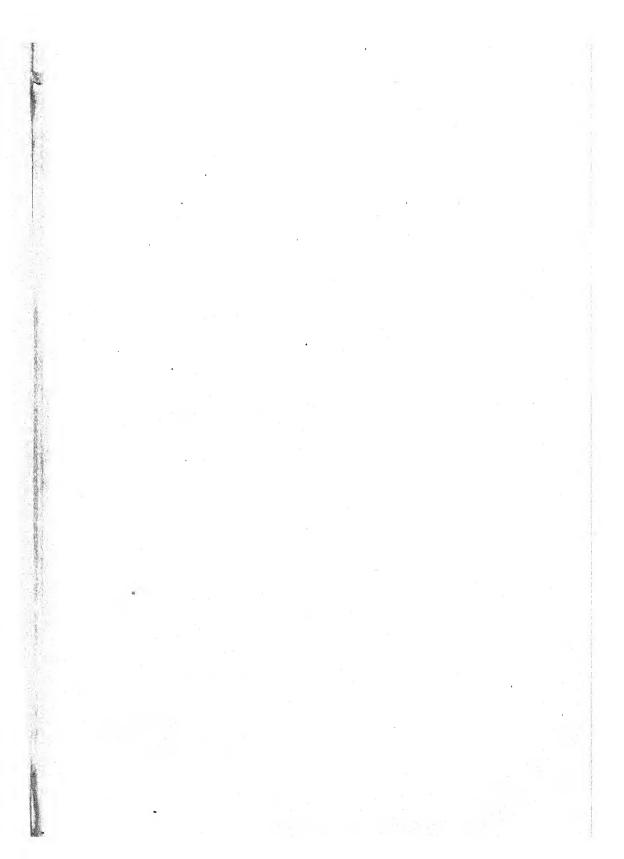
other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper roller has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The standard or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

- 330. The two upright standards are called \(\vec{z} \) thunta, and each of the rollers \(\sigma \) iathi, or in Saran \(\vec{z} \) in \(\sigma \) anyā. \(\vec{z} \). Underneath the rollers is a cross-bar, called \(\vec{z} \) kal, joining the two uprights and holding the machine together. The \(\vec{z} \) khūntā is a wedge going through each upright from front to back, under the cross-bar and holding it and the roller in their places.
- 331. The पच रो pachrā are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सन्ही makrā, and it is held to it by the चिल्ली kilā or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called जागनि lāgani, or in Saran चलानी chalaunī and in Gaya द्वारो hathaurā.
- 332. The base of the machine in which the uprights rest is called utto pārhā, or to the west tutto pirhiyā, and out of this projects behind, along the ground, the next majhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seeds by this machine, is called $\mathbf{E} r \bar{u}$, $\mathbf{E} \hat{\mathbf{x}} r u \bar{\imath}$, or $\mathbf{q} \mathbf{x} t \bar{u} r$,—the last by women of the upper Hindu castes, and the two first by Musalmans and low-caste Hindus. $\mathbf{E} \mathbf{q} \mathbf{x}$ $r u \bar{a}$ is used in Shahabad.
- 334. The above lasted three days. It was then again cleaned (त्वव tūnab, त्वव tūnab, or (in Shahabad) त्मव tūn b, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (খুন্ৰ dhunab, to card).
- 22nd October.—To-day two cotton-carders (घ निया dhuniyā) came to card the cotton. Fach brought with him a machine, called a ध न की dhunkō, or to the west ध सुद्धी dhanuhō. In Gaya it is धुनेडी dhunethō, in South Munger and South-East Tirhut धुनेड dhunaith, and in South Bhagalpur धुनेडड dhunhath.
- 335. It is composed of the following parts:-



- (a) The flexible piece of wood cutting as a bow, called ভাষো dantā or ভাষো dantā to the east and ভাঁড়া dānṛā to the west.
- (b) A board wooden board called 明記 pharehā in North-East Tirhut. In South-West Tirhut it is 明記 pharautā, in South Bhagalpur 明記 pharuhā, and elsewhere as 明記 pharhā.
- (c) The bridge over which the string is passed, মাঁমা māngī. In Shahabad and also optionally in East Tirhut it is মাখা māthā, in South Bhagalpur মখ্বা mathwā, and in South Munger মম্বাধী ফāgwāsī.
- (d) A leather string, called বাব tānt. In Patna and Gaya it is also called হাই rodā.
- (e) A leather strip acting as a sounding board, lying along the round edge of the দেইছা nharehā, on which the string rebounds, called uইছ puchket or ইয়া nuchketā generally,



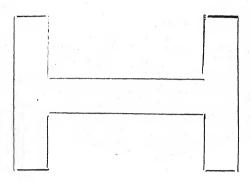


A Cotton-carder (Dhuniya) at Work

- पक्तिरा pachhauta in Tirhut, and काँकर kānkar in Saran and Champāran. In North-East Tirhut it is पुणा इंज pushdail, and an optional name in Shahabad is पुक्तिरा puchautā.
- (f) A stoot leather string along the outter side of the দুইছা pharehā, to one end of which the বাঁৰ tānt is attached, while the other end is fastened to the ভয়া dantā. It is used to tighten the বাঁৰ tānt, and is called ভিয় বা ghirchā or মুখা ghurchā. When pages are used for tightening this, they are called বাই bārā or বিহিন্ন biriyā.
- (g) The ছয় হৈ hathhar, ছয় মহ hathgar, or ছয়ৰহ hathkar,, is a loop of string under which the left hand is passed to hold the machine steady. The above is the name current in North-East Tirhut. South of the Ganges it is also called হয় কা hathkar, with variants হয় কা hathkar or হয়কা hathkarā in Shahabad. In North-West Tirhut it is হয়হা hathrā, in South-West Tirhut and Saran হয় hathā, and in Sāran and Champāran মুত্ত বাহা muthwārā.
- (h) The mallet for twanging the bow, of wood, shaped like a dumb-bell. It is held in the right hand, and the বাঁব tānt is struck and twanged with it. It is called বিদ্যা jistā, and also (in Tirhut and South Bhagalpur) হিলা distā. In Patna it is called হলা dastā, and in South Munger হিলা distā.
- 336. In using this instrument it is held by the left hand under the इय कर hathkar, which passes over the wrist, and the ताँन tant twanged in the midst of the cotton by the जिला jishā, which is held in the right hand. This process loosens the texture of the cotton, and causes all the dust and dirt to fly out of it. The युनकी dhunkī is not allowed to rest on the ground, but is supported in the air by the द्यार hathkar passing over the wrist, and it springs up and down as the aia tant is twanged.
- 337. The whole pile of cleaned cotton was called गोटो gothī. While this was going on, two old women were called in to make little hollow rolls of cotton to be made into thread. They are called to the east पीनो pīnī, and to the west पिडनो peunī or पीन नो pīwnī. A local name in East Tirhut is पार pīr. These are about four inches long and a quarter of an inch thick. A lump of clean cotton, the size of a walnut, is put round a thin skewer, called पिड बार pinrhsari, and is then rolled on a board, called पिड़िया pirhiyā, with the palm of the hand. These are

- 338. These पीनी pīnī are now ready for being made into thread in the spinning-wheel.
- 339. The spinning-wheel is ব্যা charkhā, but in South-West Shahabad it is বহুৱা rahtā, and in the south-east ব্যা jarkhā.
 - 340. Its parts are as follows:-

The foundation. - This is in the shape of a double letter T: thus-



- 341. On one of the cross-pieces the driving-wheel stands, and on the other the spinning apparatus. This foundation is called पोड़ा pīrā or पिड़िया piriyā to the east, and विद्राई pirhā to the west. The connecting bar between the two cross-pieces is मंस्य manjhwā or मासा mānjhā, in Patna and Gaya it is जत खोरा latkhorā, and in South Bhagalpur मन् साइ manjhāi.
- 342. The driving-wheel.—The supports of the driving-wheel are called at khūnta. The wheel itself is composed of two parts,—
 - (a) The central boss or nave, and
 - (b) The four spokes on each side of the nave.
- 343. The nave is called म् हो mūnrī or मूही mūnī south of the Ganges, and म हो munī or म हिन्दा munīvā north of it; in East Tirhut it is also तामा tāmā, and in South Bhagalpur and South Munger पेना pailā. It is about 5 inches long and 4 inches thick.
- 344. There are four spokes lying across each end of the nave from one circumference to the other; there are therefore eight radii on each side, and they are so arranged that the radii on each side are not opposite each other, but alternate. Each of these cross spokes is called पूत्रो putto or पूत्रो pātō, or in South-West Shahabad काम रो kamrō; sometimes they are also called **E** at khūnta **E** टी khūntō.

345. These spokes are held in their places by a string, called অবাল awāl to the west, অবাল amwāl in Patna and Gaya, and অমাল amāl or অমালছ amālh to the east. In South Munger it is অন্তাল amhāl. This string goes round the extremities of each radius of each side alternately: thus—



It forms therefore a kind of edge or rim of a broad wheel, something like a paddle-wheel, and over it passes the driving-hand which turns the spinning apparatus. This paddle-wheel is about a foot in diamater and five inches thick.

- 346. The central axle of the driving-wheel is called जाउ /āth generally north of the Ganges and in South Bhagalpur. In Tirhut it is called जाउ jāth, and in North-East Tirhut also जाउ /āth or जाउउ jāth. South of the Ganges it is generally चेल ना belnā. It is caused to revolve by a crank end called महरी makrī, or in Shahabad and West Tirhut नाम nāk. It is दादी dārī or दिव्या dariyā elsewhere south of the Ganges, except South Bhagalpur, where it is again मन्री makrī. To this is attached a handle, called to the west and in Gaya चलीना chalaunā, and to the east जरना larnā or जारनि lārani. In South-West Shahabad it is called मौती bhauntā or भावत bhānwat, and in Sāran optionally चलीनी chalaunā.
- 347. The driving-band is called মাল mai or মাইছ mālha. It is rubbed with rosin (খুমান dhāman) and oil (বিল্tel), and is then blackened with charcoal (কীছেলা koelā). The driving-band goes twice round the driving-wheel and the spinning-axle, once passing through the মল কাতো malkāthā (vide post), and once not.
- 348. The spining apparatus—We now come to the spinning apparatus. There are three perpendicular uprights. The two outside ones are called ভাৰত khūntē, and the middle one is called মান লা আ kā thē. In Patna these three uprights are called together u ব্যাৱথ pachkathiyā, and in SouthWest Shahabad ভাৰ্য না khunthputtē. The two outside ones support the bearings of the spinning-axle, and the

centre one has in its length facing the driving-wheel and going right through its thickness, a long slot cut. One of the strings of the driving-band passes through this slot, and the other passes outside it so that the double turn round the spinning-axle can never get jammed up together, and so entangled.

- 349. On the two outside uprights, on the side furthest from the driving-wheel, project two stiff pieces of leather, called **Example 1**. These form the bearings of the spinning-axle, which passes through them.
- 350. The spinning axle.—This is called ugrent takuā, and also to the west a gent tekuā. It is an iron skewer about 8 inches long and an eighth of an inch thick at the thickest part. It projects a distance of three inches beyond its bearing on the same side as the handle of the driving-wheel. This bearing has on each side two little pieces of wood fitting on to the spinning-axle, which act as washers, and are called grant chhuchchī. Outside the outer washer on the spinning-axle is a flat disc called the phirkī, and two and a half inches of the axle project beyond it.
- 351. The driving-band, after passing twice round the driving-wheel, passes through the মল কাতা malkāthā, then twice round the spinning-axle, and then back to the driving-wheel outside the মল াতী malkāthā; and it is evident that even the slow turning of the driving-wheel will make the spinning axle revolve at a very high speed indeed.
- 352. In spinning, the projecting point of the spinning-axle has a short length of thread attached to it, and then, while the handle of the driving-wheel is turned with the right hand, a roll of cotton (utal $p\bar{\imath}n\bar{\imath}$) is held in the left hand between the finger and thumb, and the cotton, being quickly caught up by the length of thread, is drawn off in the shape of thread on to the quickly revolving spinning-axle.
- 353. When the projecting point of the spinning-axle is filled with thread, the whole is called a जुन रो kukrī, or in Saran जुन्हार kukrī and is wound off on a winder, called परवा partā or परवा paretā. It is also called in South-West Tirhut बढ्या notwā, and in East Tirhut बढ्या latwā or बट्या natwā. In South Bhagalpur it is called बढाइ nathaī This is like an ordinary silk-winder. The handle (बजीना chalaunā) of the driving-wheel is taken out of its socket in the crank (मन्त्र) makrī), and in its place is placed one end of the axle of the winder. The other end is held; in the right hand, and is revolved between the finger and thumb. The winder

is conical in shape, and does not need further description. It will hold half a quarter of a ser of thread at a time. When it is filled, the thread is taken off and tied in hanks. These are generally पोना pola, पोनी polī, or पोलिया poliyā. Local names are नती nattī (North-East Tirhut), जती lattī (Patna and Gaya), and क स्पी karchī in South-West Shahabad.

354. The diary breaks off here temporarily, as the spinning of this particular cotton was not done in the writer's presence. He wished the thread to be spun as fine as possible, and as this could only be done by Brāhmani women, who would not come to a strange house, this part of the work was done by them at home.

CHAPTER V.—THE WEAVER'S LOOM.

- 355. The following is a continuation of the same diary.
 - 18th January 1880.—The skeins of fine thread were brought to me to-day, and were put in water to soak for eight days. This strengthens it.
 - 27th January.—After they had soaked this poriod I sent for a weaver. A Muhammadan weaver is जीज हा jolha or मोमिन momin, and a Hindu weaver is त त वा tantwā or ताँतो tāntī. or, in Shahabad ताँतो tāntī. Sometimes the Hindi word जोजाहा jolāhā is used instead of जोज हा jolhā.
- 356. The Musalman weaver or sits is the proverbial fool of Hindu stories and proverbs. He swims in the moonlight across fields of flowering linseed, thinking the blue colour to be caused by water. He hears his family priest reading the Quran, and bursts into tears to the gratification of the reader. When pressed to tell what part affected him most, he says it was not that, but the wagging beard of the old gentleman so much reminded him of a pet goat which had died. When forming one of a company of twelve he tries to count them, and finding himself missing wants to perform his own funeral obsequies. He finds the rear peg of a plough, and wants to set up farming on the strength of it. He gets into a boat at night, and forgets to pull up the anchor. After rowing till dawn he finds himself where he started, and concludes that the only explanation is

^{1 &}quot;A madness from God came on the Herules [Heruli, a tribe of Huns], and, when they came to a field of flax, they took the blue flowers for water, spread out their arms to swim through, and were all slaughtered defencelessly". C. Kingsley. The Roman and the Teuton (1864), page 184. (Paulus Diacoras Lecture).

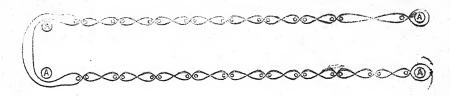
that his native village could not bear to lose him, and had followed him. If there are eight weavers and nine hukkas, they fight for the odd one. Once on a time a crow carried off to the roof of the house some bread which a weaver had given his child. Before giving the child any more he took the precaution of removing the ladder. Like the English fool, he always gets unmerited blows. For instance, he once went to see a ram fight and got butted himself, as the saying runs:—

करिग्रह ्छाड़् तमास जाय नाइक् चोट् जोनाहा खाय। Karigah ckhār tamāsā jāy, Nāhak chot jolāhā khāy.

- He left his loom to see the fun, and for no reason got a bruising.' Another story (told by Fallon) is, that being told by a soothsayer that it was written in his fate that his nose would be cut off with an axe, the weaver was incredulous, and taking up an axe kept flourishing it, saying याँ करना त॰ गोड काटनीं, याँ करना त॰ हाध काटनों, और यों करना तन ना-, yon karbā ta gor kātbon, yon karbā ta hāth kātbon, aur yon karbā tab nā-, —if I do so I cut my leg, and if I do so I cut my hand; but unless I do so my no-, and his nose was off. A proverb जील हा जानिय जी काट jolhā janathi jau kātai,— does a weaver know how to cut barley, -refers to a story (in Fallon) that a weaver, unable to pay his debt, was set to cut barley by his creditor, who thought to repay himself in this way. But instead of reaping, the stupid fellow kept trying to untwist the tangled barley stems. Other proverbs at his expense are कीआ चलल बास कें, जील हा चलल घास के kauā chalal bās ken, jolkā chalal ghās ken,— the weaver went out to cut grass (at sunset), when even the crows were going home; जील हा सतिरेलाह तीसी खेत jolhā bhutiailāh tīsī khet, —the weaver lost his way in the linseed-field, an allusion to the swimming exploit already recorded. His wife bears an equally bad character, as in the proverb बहुस िल जोलि हिनि बापक टाही नीचे bahsali jolahini bapak darhi noche, - a wilful weaver's wife will pull her own father's beard.

357. The weaver proceeded to set up in the ground seventeen pairs of sticks in two lines, at a distance between each pair of about one and a quarter cubits, and between the lines of about two cubits. At each end of each line a stout bamboo post is fixed, and close to each of

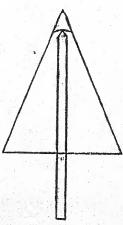
those at one end another smaller staff. Round these sticks the thread s twisted as follows .—



A, A, A, are the tops of the bamboo posts, and the dots are the tops of the smaller sticks.

358. This operation of setting the warp is called বাৰী কৰে tānī karab, or in Shahabad বাৰা কৰে tānā karab. The bamboo posts are called জুইা khūntī, and each stick, বহ sar. These last are called in Sāran, Champāran, and North-West Tirhut বহ কা sarkī.

359. The sticks immediately in front of the bamboo posts are called to the west इन्हा chhituā, in shahabad इन्हा chhitkī, and to the east इन्हा chhitkī, also in North-East Tirhut डोरीक सर dorīk sar. The whole apparatus is called तानी tānī, or in Shahabad ताना tānā, and the thread to be stretched is put on a kind of pyramidal reel called प्रविकारिका. It spins on a spindle, called द्वानी dagnī, or in Shahabad दाँगी uāngī, and in the inside of the apex of the cone is a cup called योड़ी thorī, or in Shahabad योज री tholrī, in South Munger योड़की thorlī, and in South Bhagalpur टोई toī, which rests on, and revolves on the point of, the spindle: thus—



360. The spool is composed of 14 slips of bamboo, forming the framework of the cone, fastened at equal distances round the

circumference (司霸文 chakkar) of the base of the cone, and converging to a point at the top.

361. The spindle of the spool is held in the left hand, and the weaver walks up and down between the two lines of thread, directing the thread by a hook called a sharr or wish khonr, or in South-West Shahabad gut khunda, in South Munger gut khunda, and in North-East Tirhut and Shababad a st khūnra, and shaped as follows:--



The hook at the top is made of iron.

362. 5th February 1880.—The warp having now been all set upon the sticks (ex sar), they were, with the ext khūntī, pulled up, rolled up, and put by till to-day. To-day they were unrolled and laid out in a long line on the grass. The tak khāntī were then carefully drawn out, and a bamboo staff, called text sirār (or सिरादि sirāri), put in the place of each. It will be remembered that the Ex sar were in pairs, and that at each pair the thread crossed thus _____ Another kind of सर् sar is now taken, made like a long show bow, except that the string is made of a thin strip of bamboo. This bow is called सुत्री sutrē, or in Tirhut बन्हका banhakā. The arch of the bow is also made of bamboo. The bamboo string is called डोरी dorā. The arch of the bow is now passed through the threads where one of the old WE sar was, and the bamboo string through where the other sar of the pair was, so that the cross of the threads is still preserved. The bow and string are then fastened to each other at

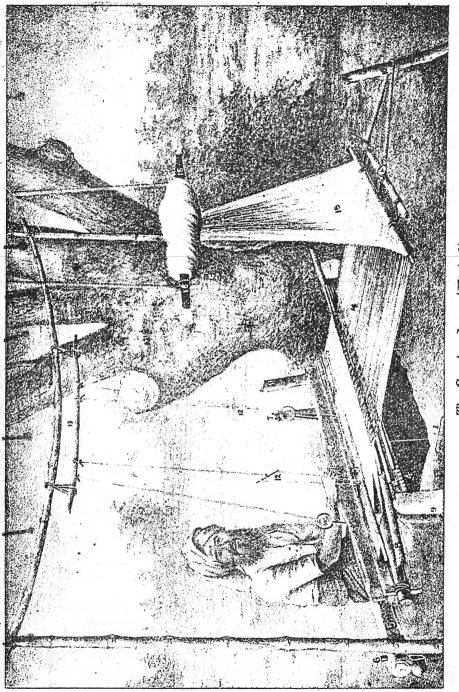
each end. The arches of the various bows all face one way. The warp is then laid out on the ground, and the threads neatly spread out upon the bows in parallel lines, to the width of the future piece of cloth:

362 A. 9th February.—The thread thus arranged was rolled up, dipped into, and well wet with cold rice-water (मांड mānr), to which some मह आ maruā seeds had been added to stiffen it. It was then unrolled and stretched out horizontally at a height of three feet from the ground and brushed with a large brush, called क् kūnch, dipped in mustard oil and water, which smooths the threads and takes away any knots or inequalities in the thread. This brush is also called मज्जा mainā in West Tirhut मांजा mānjā in] South Bhagalpur, मांचन mānjan in South-West Shahabad. The cross sticks on which the thread rests are called Hitt mānihā and the cross bamboos at each end are उँ धनी or thenghni or बाडी डोर lathi door to the west, गोड़ा gorā to the east, खस रें या khasraiyā in North West Tirhut ESI dhatthā also in North-Fast Tirhut Est dhāntha in South Bhagalpur, and जाडी lāthī also in South-East Tirhut. This brushing is hard work, and takes eight men to do it properly. The brushing is along the threads and not across them. The bristles of the brush are made of खब खब khashhas, called also in Sāran कन रा क जर katrā ke jar, such as is used for tatties, and are about two and a half inches long. The brush itself is about a foot long and two inches wide. The brushing went on for three days, and is called uts att pāi karab, and also in East Tirhut तासन् करव tāsan karāb. The phrase sit vit ai pai means the brushing and preparations, and there is a proverb, जीवहा के यह पाइ, चमरा के वीष्टातृ jolhā ke āi pāi chamrā ke bīhān, - when a weaver says the cloth will be soon ready, as he is now brushing it, don't believe him, any more than you believe a shoe-maker who says "the boots will be ready to-morrow ".

363. When this was concluded, the threads were put into the loom and woven at the rate of a yard a day. The loom is little different

from that used in England. It is called কাৰ্যান karīgah to the west and কাৰ্যান kargah to the east. It consists of the following parts:—

- (1) The shuttle.— This is ঢেকো dharkī in Gaya and to the west and ভ্ৰম ৰিন্নী kaparbinnī, or ক্ৰম ৰিন্নী kaparbinī, to the east. In North-Fast Tirhut it is called ক্ৰমনী kaparnī
- inside the shuttle, on which the thread in (2) The needle wound, is at tiri, and the tube which revolves on this som chhuchchi, or in Shahabad wo thuchi. When thread is wound on this tube the whole is called 72 narī also in East Tirhut waft larī. This is held in its place in the hollow of the shuttle by a pin made of a feather. This is called pakhanari to the west and in South-East Tirhut, fax. bir in South Bhagalpur, and पखिंद pakhbir or पखें आरी pākhearī to the east. A weaver estimates his work by the number of art which he uses up, as in the proverb in which he is supposed to address a man who has seized him to carry a load, znat do zine नहिं त॰ नौ नशील इस्कृति होएत tungbah ta tangah nahin ta nau narīk harkati hoet,—if you must load me, load me quickly, otherwise the time of nine shuttles will be wasted.
- (3) The wooden frame suspended from the roof, which after the shuttle passes is pulled forward by the weaver and drives the thread home. This is হয় huthā or হথো hatthā in West Shahabad, Patna, and West Tirbut আনহ's kamhan; in the west generally আনহ's kamhan in the north-west, and আনহাতো kamhandā, in Gaya In North-East Firhut it is বাৰা tanā, and in South-East Tirbut বাৰা tānī. In South Bhagalpur it is বৰ্জ tankar.
- (4) The comb of reeds or bamboo in this bar, which keeps the threads of the warp apart, is called **tree** rāckh.
- (5) The heddles, which alternately raise or depress the threads of the warp, are ৰ্য bae or ৰ bai.
- (6) The set of three reeds which is placed in front of the heddles to keep the two sets of the threads of the warp apart



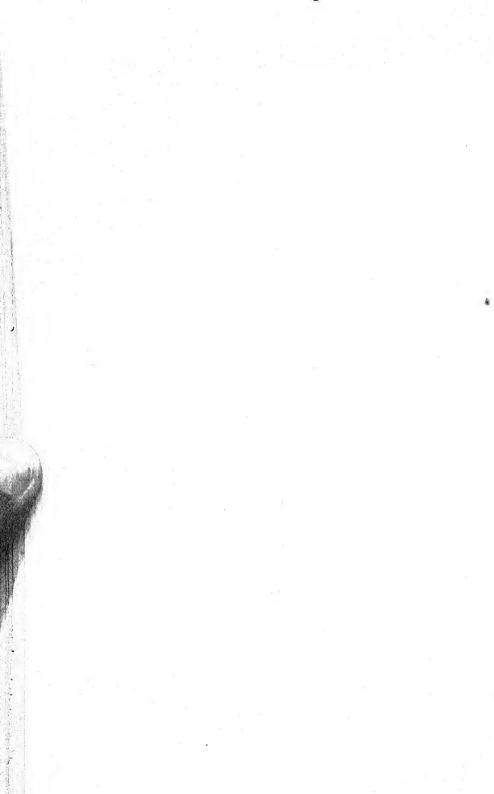
The Country Loom (Kariyah).

Chaupat (roller).

Chaupat (rol
 Jibhela.
 Bamwāri.
 Kharkhaut.

11. Dorhundka, 12, 12. Nachni (keddlo-levers), Kanaili.

13. Kar (upper beam) 14. Päi (wouf). 15. Sivära. 16. Tungni.



is সাব হাৰৰ atrāwan north of the Ganges, generally and in Shahabad, and বাহাৰৰ tarāwan elsewhere south of the Ganges. Another set of three reeds also used is called মাল বা bhanjnī in Champaran, North Tirhut, Gaya, and South Munger, and the two sets together are called in North-East Tirhut সাব হাৰৰ মাল atrawan bhānj. In Patna and the south-east the reeds are also called মহ sar.

- (7) The elastic **bow** which keeps the woven cloth stretched in front of the weaver is प्रतिक pannik south of the Ganges north of the Ganges it is प्रतिक pannikh, and also प्रतिक panni in East Tirhut.
- (8) The wooden roller behind which the weaver sits, and on which the cloth is wound up as fast as it is made is in the north-west, in west Shahabad, and in, South Munger অম্ভ ব lapetan, ; elsewhere it is বীমন chaupat.
- (৪) This is supported by posts called ছ ্বা khūntā,; also the right and left ones have different names, viz. the right-hand one, which passes through the roller and prevents it turning round, is ভাম লা jibhcla, everywhere, in North East Tirhut also ভিছু লা jihlā, and in South-East Tirhut also ভিছুলা jihlā. In South Bhagalpur it is মাজা ছ ্বা galī khūntā. The left-hand one, against which the roller rests, is ভাম banghelā north of the Ganges everywhere. Also, in East Tirhut, as also to the vest and Gaya, it is ভামা banwarī or ভামো banwariyā, in Shahabad it is also uছ লা pachhelā, and in South-West Tirhut ভামা kandhelā. In South-East Tirhut it is also called ভাম লা bamaiba. In South Bhagalpur it is simply ভামা khuttā.
- (10) The woof is supported at the end opposite the weaver by piece of wood called खर्कोट kharkaut to the west and खर्कोडो kharkautī to the east or खर्क्टी kharkūtī in South Bhagalpur, which is held up by pillars called क्रे की kanailī to the north and west, ख्टो khūntā in East Tirhut, यूम thūm in Patna. यू मी thumbhī in Gaya, and यू मा thumbhā in the east, and also खरको ख्टो kharho khūntā in South Bhagalpur.

- (11) The woof is held tight by a string, which is fastened to its end and passes round a peg at the extreme end of the loom and back again up to the weaver, where it is fastened within his reach to another peg. He is thus able to slacken the woof as necessary. The first peg is called आ जा के वॅटा agela ke khūntā, or in Tirhut सर्कोनी के खँटी sarkaunī ke khūntā, ; the second peg is called डोरबन्या के खूँटा dorbandha ke khūntā, or in South Bhagalpur क निकल की kankillā,
- (12) The treadle, which the weaver moves with his foot, is ঘীৰাহ pausānr, or ঘীৰাহ posār generally, and in East Tirhut ঘৰাহ pasār. The knob on this, held between the weaver's toes, is ঘীনাৰ pautān.
- (13) The upper levers, to which the heddles are attached, are ন্যানিকাৰ, generally. In East Tirhut they are জীৰ্নী lochnē,, and in South Munger জাৰণী lachnē.
- (14) These levers are fastened to an upper beam, which has various names, viz. অম হ abher, to the west, মিন্ম হা bhitbherā, in Saran and Champaran, ঘ্ৰানা dhachānā in South-West Tirhut, ঘ্ৰান্ dhachān, or অনাধী akāsā in North-East Tirhut, ভ্ৰাহ্ uparkar in South-East Tirhut, ভ্ৰাহ্ karbār in Gaya, and কাহ kar in Patna and South Munger.
- 363. The loose end of the woof (पाइ pāi) is called चिरारा sirārā and it is wound up on a टॅंग्नी tangnī, which is hung up out of the way.

CHAPTER VI.—THE SALTPETRE MANUFACTURER.

- 365. He is called नोन्धाँ noniyān. The round vat in which he dissolves the saltpetre from the saline earth is नोडी kothī north of the Ganges, and south of it अहरी ahrī. The mother liquid thus produced flows out through a drain called पनार panār in Tirhut and to the east, and पौनार paunār to the west; also in Saran मोहान mohān, and in South-West |Shahabad पर नौहा parnauhā. It flows into an earthen vessel fixed in the ground, called नहहा nadha, नाह nād, or नाहा nādā also पर हा parchhā in Tirhut and towards the west, and गड़नी gaṛnī in South-East Tirhut.
- 366. The mother liquid is called Tas, or in South-West Shahabad water agras. After the salpetre has been deposited, the

refuse liquid from which salt can be educed is called uহারী pachhārī, or in South-West Shahabad কাছা kāhī. In Sāran কাছা kāhī means the liquor from which salt is educed, and uহারা pachhārī the refuse which is thrown away.

- 367. Over the round vat are placed bamboo rafters, which are called কাই koraī to the west, কাই koro in North-East Tirbut, and ঘহৰহন patwatan in South-East Tirbut. These are supported on bricks ইনে হntā, and over them is spread straw, called হোলা chhājā, হিছু chhitlē, or আৰু khar.
- 368. The mother liquor is boiled in a large iron pan called कराइ. karah, or (to the east) तीला taulā. When made of earth it is called कुरहा kundā, or in Sāran खोर khor. The fireplace is called चूल्हा chūlhā. The pot for cooling the boiled liquid is इंड्या hanriyā, or to the east तीला taulā.
- 369. The iron curved spud by which the saline earth is scraped from the ground or wall is खर्षा khurpā, and the mattock for digging is फहरा phahurā to the west कोहार kodār in Tirhut, and कुहारी kudārī in Sāran. The basket for carrying the saline earth is टोक ड़ी tokṛī, and that for carrying the saltpetre कहा chhaintī.

370. In South-West Shahabad-

- (a) चत्ञा चोरा jaruā sorā is saltpetre prepared by boiling;
- (b) आवी सीस abī sorā is saltpetre prepared by evaporation by the sun's rays; and
- (c) क्लमी सोरा kalmā sorā is refined saltpetre.

CHAPTER VII.-A DISTILLERY OF COUNTRY-LIQUOR.

- 371. सट्टीहार bhatthdār or आव कार ābkār is a distiller. In Sāran he is also called राँकी rānkī. कलाल kalāl is a Muhammadan who sells country-wine; कलवार kalwār is a Hindu who does this. कलाल kalāl and राँकी rānkī are caste names. When a man of another caste sells liquer, either on his own account or as a servant, he is called ग्राह्म gaddīwān. सट्टी bhatthī is a distillery. कलाली kalāli or ग्राह्म gaddī is a place where country-spirits are sold.
- 372. The still is called ਜਟ੍ਰੀ bhatthī, and consists of the following parts:—
 - (1) देग deg or देग deg, the boiler.—This has a baked earthen cover called अध्वार adhkār, or in Sāran अध्वर adhkar,

- (2) Over this is inverted a wide-mouthed globular copper vessel; this is called attal tāmmī, or in Sāran attau tamiyā. It serves as a condensing-vessel. The spirit rises into it, and over its outside surface runs continually a supply of cold water.
- (3) The water reservoir is বাহ*nād*. The water flows from this through a pipe called **पोन**की paunalli, or in South Bhagalpur पद्माजी pannāli, and in Sāran also টোঁমা dhonga, on to the top of the condensing-vessel.
- (4) The spirit thus condensed flows out through a pipe called ময় নহা madhnarī.
- (5) The spirit is collected in an earthen jar called zin tank or #द्का matukā, and in this it is carried to the place of sale.
- (6) The refuse left in the boiler is হয় ras; also, in Gaya, বকু ভা baksā, and in South Bhagalpur also মীহা gorā.
- (7) **ভালন** sājan or হ্ৰেন্ chhāban is water used for diluting spirit, so as to increase the quantity for sale.
- (৪) The liquid for distillation is made as follows. Liquid
 (মে ras) and sweet preparation (মীতা mīthā) are mixed and buried in the ground. This mixture is called ক্ষীতা kasaunjā. When it is ripe মন্ত্ৰা mahuā is poured into it. This act of mixing is called ম্বো bhartā. When the mixture is sufficiently fermented for distillation it is called নামাহ bojhāi. The constituents of the মে ras and of the মাতা mīthā vary, and are not detailed here.
- (9) Earthen cups for drinking country-spirit are দুক্কৰ chuhkar মুদ্ধী gurkī, or ঘিতীকা pitauā.
- (10) Pots for keeping the spirit n the shop are called माट māt कोरेना korenā, or in Shahabad कोरेना kaurenā and बदयाम् baiyām. In Sāran another name is करावा karābā.
- 373. Ordinary weak country-spirit is होनानो dokānī, and also in Sāran खिंद्या khasiyā; the next strongest (when made of ग्र gūr only) is नन्दी kandī or when made of other materials) होनारा dobārā; the next strongest is सौंकी saumphī,* or in South-East Tirhut सेनारा sebārā; and the strongest of all, महरहार mahardār.

SUBDIVISION VIII.

APPLIANCES USED BY MISCELLANEOUS VILLAGE TRADERS AND PROFESSIONALS.

CHAPTER I .- THE PALM-JUICE SELLER.

- 374. The palm-juice seller is पासी pāsī.
- 375. In climbing up the palm-tree he uses a heel-rope, which ties his feet close together. At the same time he has a stout rope passing round the tree and his body. He leans back against this rope, and presses the soles of his feet, thus tied together, against the tree. He then climbs up the tree by a series of hitches or jerks of his back and his feet alternately. The heel-rope is called मक्री makrī, or to the west पक्कि pakusī. In Shahabad it is uक्कि paksī, and in Tirhut and Patna फेटिया phandiyā. The body-rope is generally इंड्रांस danrwāns. In the east it is also ten rassā, and in South Munger नार ता bārtā.
- 376. The longish earthen pot in which the juice is collected is called जन ने labnē, or to the east उद्दार urharh. Round its neck is tied string, called to the west आ रच न arwan and to the east फानी phannē or फ नकी phankē, or in South-East Tirhut रीना raunā. This string is hooked on to a hook, आ जारा ankurā, or in Sāran आ जारा ankurhā, in Shahabad आ जारी ankusē, and in South Bhagalpur आ जारा ankorā, which is tied to the man's waist by a rope, देवार lewār, or in Sāran देवार danrkas, in Champāran डॉड्रा dānrā, and in South Bhagalpur पेटा र petār.
- 377. The sickle used for cutting the palm-tree is इंस्ति hansulā to the west and इंस्त्रा hansuā to the east. It is sharpened on a piece of wood called जीटा lauthā, and also, to the east चींटा sontā, or ब्लुझट baluath in South Bhagalpur and ब्लेटा balethā in South Munger.
- 378. A इथोना hathaunā or तर्जट टो tarkattī, or in Sāran ज नना labnā is a large longish earthen pot for holding toddy (ताड़ी tārē). In South Bhagalpur तौजा taulā or जाड़ा kundā is an ordinary vessel for holding it. नापा nāpā or in Sāran नप हो naphē, is a small earthen pot used for measuring it, and जो रना jorwā, बररिया barariyā, and गोजना golwān are in South Bhagalpur earthen vessels in which toddy is sold.
- 379. A toddy palm-tree is বাহ or বাৰ * tār, and the juice is বাই or বাৰ tārī. There are two kinds of this tree—the female one, which bears fruit and is called দল্বাহ phaltār, or in South Bhagalpur দলা phalla, and the male one, which produces hairy flowers and is

*Cf. Sanskrit are (tāla) palm.

called बन्न नार baltār or पुलतार phultār, or in North-East Tirhut पुन्हों phuldo, and in Sāran बिल्हा ba'ihā. A खंगरा khangrā, खग्रा khagrā, or खग्रा khagrā is young palm-tree. A नोट्टी korhi (North-East Tirhut) or a बिह्रा bahirā (South-East Tirhut), बाँको खिसवा bānjhā siswa or अनाइ anāthu (South-West Tirhut), is a palm-tree which does not produce juice; a बसनी basantā is a tree which produces juice in spring, and चेड आ jethuā, or in Sāran साल sāl, one which does so in summer, while चोद ghaud is one which does so all the year round. In the east चौर ghaur is a tree which produces juice in the rainy season.

380. To cut a palm-tree for the juice is Ra a chnewab.

CHAPTER II.—THE BIRD-CATCHER.

- 381. The bird-catcher or मिर्सिकार mirsikār, or in Shahabad कहिंचिया baheliyā, uses a number of नज nal or नर nar, which are long shafts of bamboo tied together like a fishing rod, of which the top one is called क्या kampā, or in South Bhagalpur खोँचा khonchā. On this last is applied bird-lime (जासा lāsā), and the bird-catcher cautiously approaches the bird, concealing himself behind a ट्रेडी tattī or screen of leaves and branches. When the bird is within distance it is struck with the limed क्या kampā, and thus caught. The चौंगा chongā is the bamboo tube for keeping the bird-lime.
- 382. The फाँद phānd or फाँदा phāndā and चौगोड़ा shaugorā are two kinds of nooses. बटियारो batiyārī is a net used in the day-time, and चातर chātar, one used at night for catching birds.

CHAPTER III .- THE BARBER.

383. The barber is ছनाम hajām, टाजुर thākur, नाइ nāī, नाइ nāu or नोम्रा nauā. In North-East Tirhut he is also नहींर neherī, and in Sāran sometimes मोसा ostā. He has his लोख र lokhar or किस मत kīsmat, किस बत kisbat, or किसवर kisbad, which is his instrument-bag. Also he has a समोटा chamautā or नमोटो chamautī, or piece of thick leather used as a strop, a मोमना mochnā or tweezers, and a ह्या chhūra or मस्ता astūrā, or to the east खर khūr, or razor. His nail-parers are नह रनो naharnī, but in Champāran they are नहरून nahran, and जहरूनी laharnī in East

Tirhut. His whetstone is सिक्षा sillā or सिक्षी sillā. केंची kainchā is his seissors, कटोरी katorā his brass cup for water, दर् पन् darpan his looking-glass, and जङ्गी lungā the cloth which he spreads in front of the person he is shaving, and on which the hairs fall.

CHAPTER IV .- THE COUNTRY SURGEON.

- 384. The country surgeon is জ্যোছ jarrāh, লয়ছ jarāh, or ছল্ম, hajām.
- 385. Among his instruments are অনুহা jamurā, a tooth-extractor चামা chobhā or বজাহ nastar, a lancet for the arm, and ত ব জা thunkā, lancet for the head.
- 386. For circumcision (মুলন sunat or জ নৰা khatna) he has বালী jantrē, ঘাই ghorē, or in South Bhagalpur বু হা chūntā which are nippers of bamboo and ঘনাই salāi, which is a bamboo needle for holding up the foreskin.

CHAPTER V .- THE FARRIER.

- 387. The farrier or ৰাজ্বৰ nālband has the following appliances:—
- 388. A मेखारी mekhārī or विस्वत kisbat, which is the bag in which his tools are carried, a द्वार chhūrī or curved knife, a सम्तरास sumtarās or large curved knife, a जमार jambūr or pincers, a रेत ret or file, a बल खा balkhā or मार्तील mārtaul or small but long hammer, a दोजाली doālī, or in South Bhagalpur बल खा balkhā, which is a leather for holding up the horse's hoof, a पुज्माल pujmāl or hair string for tying the ear of a refractory horse, a इलला halkhā or iron ring, and a समनदी sumkattī or chisel for cutting the horse's hoof.

CHAPTER VI.-THE WASHERMAN.

389. The ঘানী dhobī or washerman uses a पত্তা pathā or pāt, which is the washing-board, of which the support is in Shahabad ইতুৰা thaihuā or নিৰ্নত, newnath. In South-West Tirhut it is

called चौकी chaukī, and, when made of stone प्रयक्त pathal. His iron is इस्तिशे istirī or (in North-East Tirhut) मिस्तिशे mistirī. His ironing cloth is बेटन bethan and his strach इत्यप् kalap or क्रम kalaph.

- 390. When the article to be washed is too heavy for him to lift up and dash upon the washing-board, he beasts it with a mallet, called দ্বাৰ mungrā or দ্বাৰা mungrā, or (in Sāran) ভাষৰ dānsan, (in North-East Tirhut) ঘাঁৱা sontā, and in South-East Tirhut আইা lāthā. In South-West Shahabad it is called বাৰ বা kathka, and in South Bhagal-pur ঘাৰ ভাষা dhobdāng. The clothes-line or drying-frame is বৰাৰ tanāw His bundle of clothes is ৰক্ষা bakuchā.
- 391. The act of beating the clothes is कुन्ही kundī, and to beat the clothes is पोटन pītab, or घोएल dhoël north of the Ganges, निरूप bichharab (in Patna), निरूप nichharab (in Gaya), निर्मास nikhāral (in Shahabad), खींचन khīnchab (in South Bhagalpur), and स्ट्रंडन chhāñtab or प्रीचन phīnchub (in South Munger and Shahabad).
- 392. South of the Ganges clothes which are well washed are निमाड़ nimūr or in South Bhagalpur गोवर सार gobarjhār. In Chāmparan they are नियार nikhār. The half-washing given to new clothes is खम बो khamso, or in South Bhagalpur खामचो khāmso. In Gaya the washing of a cloth after it has had patterns printed on it is विद्या नी bichharnī.
- 393. The honesty of the washerman and his tenderness for the clothes committed to his care are not considered of much account in Bihar. and there are numerous proverbs coined at his expense, e.g. घोनो पर घोनो बसे, तब्कपड़ा पर् साबुन् पड़ dhobi pard hobi base,tab kaprā par sābun pare -no soap ever touches clothes unless many wahermen live together (when owing to competition they wash well). Again, धोविक, वाप, केर किछ निर्माट dhobik bap ker kichhu nahiñ phat,-nothing belonging to a washerman's fathers is ever torn by him (i.e. those are the only clothes about which he is careful). It is also a wise precaution, which according to-Bihār ideas should universally he adopted, to disbelieve a washerman when he says the clothes are 'nearly' ready. A washerman's donkey is a bye-word, as in the provorb गद्दा केन दोसर गोसेंगां घोनियां, के न होसर् परोचन्, gadhā ken na dosar gosainyān, dhobiyā ken na dosar parohan -an ass has only one master (a washerman), and the washerman has only one steed (a donkey). Again धोबो नाज दर्जी, ई तीनू अल्यारजी dhobi nāŭ, darjī i tīnū algarjī,—there are three careless people, the washerman, the barber, and the tailor.

SUBDIVISION IX,

TOOLS AND APPLIANCES USED BY COUNTRY ARTI-ZANS.

CHAPTER I.—THE CARPENTER AND TURNER.

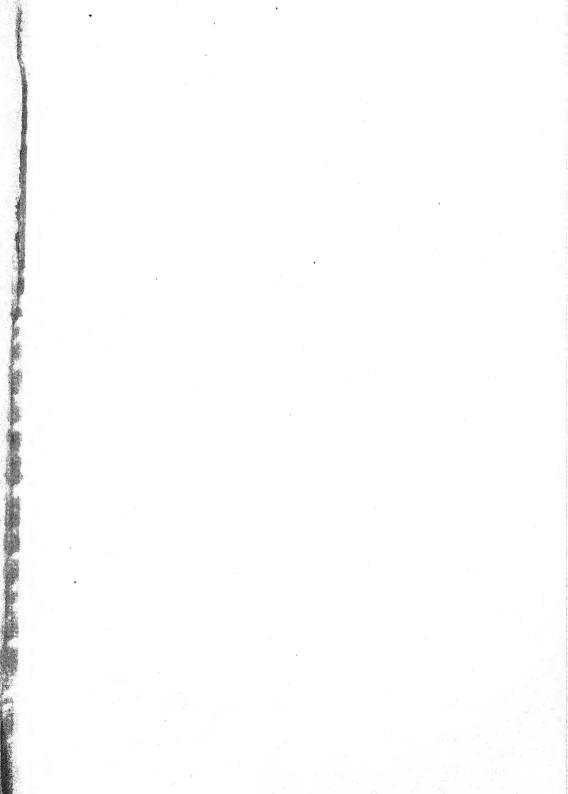
- 394. The carpenter is बड़ही barhī, or in East Bihār optionally कसार् kamār. In South Bhagalpur he is also called सङ्घा maraiyā. His workshop is कमर् सायर kamarsāyar or वड़ही खाना barhī khānā. A proverb about him is है बुरिवन गाम् कमताह जनिका राखान न बमूला र buribak gām kamaitāh, janika rukhān na basūlā,—this fool (of a carpenter) would serve the village when he has neither chisel nor adze; said of one who undertakes to do a thing without possessing the means. He uses the following tools:—
- 395. The adze.—বৰ্লা basūlā or, especially in South and West Bihar and South Bhagalpur, বস্তুলা basulā. In South Munger it is বৰিলা basilā. A similar tool is হল্পা tāngā, হাঁনা tāngā, হাঁনা tāngā হানাই tangārā. In North and East Bihār it is also called কুলাই kulhārā. This is a larger adze, and is used chiefly by sawyers (আহ কৰিয়া arkasiyā or আহাক্ৰ ārākas) in squaring logs, and by carpenters for rough work or for cutting down trees.
- 396. The large saw.—आरा āra, and south of the Ganges also आरा arrā. The small saw.—आरी ārī.
- 397. The large hammer.—हथौरा hathaurā, or in South Bhagalpur सिद्धावर् lihāwar. The small hammer.—हथौरी hathaurī, मारतील mārtaul, and in West Tirhut and south of the Ganges also चन् ghan. In South Bhagalpur it is called मरिया mariyā.
- 398. The बर्मा barmā or बर्मा barmān is a revolving awl or drill, worked with a bow and string, and used as a gimlet or centre-bit. The bow used with it is कमानी kamānī, or in South-West Shahabad कमानक् kamānak. The handle round which the string goes is गुज्जी gulphī or गुज्जी gullī. In South and East Tirhut, the word is कुजज़ी kulphī. In Gaya it is मूड mūth. The cap at the top, on which the palm of the hand rests to press the awl, is टोपी topī, पेजा pailā, ट्वनी dabnī, or ट्वीडा dabautā. The awl itself is बर्मा barmā or बर्मा barmān. The string is north of the Ganges ट्रांग्राजी doālī, and south of it डोरी dorī or जीती jotī, or in South-West Shahabad जॅबर jemwar.

399. The following are various kinds of chisels:

- (a) The কাৰল kachchak north of the Ganges, and the ৰহাই batārī or ৰহাকা batālī south of the Ganges, is broad at the base and narrow at the point. In South Bhagalpur it is called কাৰল kajjak.
- (b) The ten ramba is a long chisel for making mortice holes.
- (c) The चौरसा chaurasā is broad and straight; another name in Gaya and Shahabad is बतासी batāsī.
- (d) The रखान् rukhān or रखानी rukhānī is like the kachchak, but is larger and thicker, and is used for coarse work. It is also generic term for all chisels.
- (e) A small chisel with a rounded edge for making lines on wood is north of the Ganges মালক ৰুৱল ছোল golak buruj khāb. South of the Ganges and in Saran it is মিহো girdā or মাহ্যুহ হলা gordār randā. In South Bhagalpur it is also হোলিয়া kholiyā.
- 400. Gouges are गोलक् golak, गोलख golakh (Gaya), गोश रखानी gola rukhānī, or गोर दार रखानो gordār rukhānī; other names are गोल gauch (South West Tirhut) and गिर्मिट girmīt (? gimlet), North-West Tirhut. A large gouge for heavy work, such as hollowing out rice mortars, is बॉक रखानो bánk rukhānī. A square gouge is कच इ रखानो kachchak rukhanī.
- 401. The common plane is द्वा randa, of which the blade is पानी phalli, or in Shahabad पाल्चा phalsā, and the body कुन्दा kundā. The wedge for holding the blade has various names, viz, north of the Ganges खंदी khūntī, उसी thekī. or चला chailī. South of the Ganges it is in Shahabad खंटो khūti or उपी thepī, and to the east पानी pachelī पान्ही pachṛī, or पान्ह pachchūr. When the blade has a coarse edge for rough work, it is मार्ना रन्दा jharna randā; also हाँच रन्दा dānt randā in South-West Shahabad. A plane with a fine blade is सापार इत्तिकृति randā. The द्रान darāj is a narrow plane for squaring the edges of boards.

402. Grooving-planes. There are-

- (a) The plane for cutting square grooves.— ৰুম্ভা ৰোৰ huruj khāb, or (South of the Ganges) ৰুম্ভা (or যুম্ভা) হোঘ buruj (or guruj) khāp.
- (b) The মল বা galta is for cutting round grooves. In West Bihār and South Munger it is also called ভিছে বী khirchī or ভূলেবী khiltā.



TURNER (KHARADI) AT WORK.

(c) The সাহী না হৰা jhārā ke randā or (north of the Ganges) ঘনাত palāun is a plane for making grooves for panelling.

403 The following are files :-

- (a) रेती retā is the common file.
- (b) The file for sharpening saws is generally কল্যা katra. Local names are কল্যা katrai in North-West Tirhut, কল্যাছা katrohā in East Tirhut, বিদ্যা tephal in Gaya and Shahabad, বিদ্যা tephallā in Saran, and ক্ৰামা kanāsī in West Shahabad.
- (c) ধীত্ৰ sohan, or in East Tirhut ধীত্ৰ sohen, is a coarse rasp.
- (d) The चौर सा chorsā, or to the west चौर सा chaursā, is a broad file.
- (e) The निम्तिरिट् nimgirid is a half-round polishing file. In South Bhagalpur it is मैशिरो maigiri.
- (f) The चौरस रेति chauras reti, or in South Bhagalpur चौपहल रेतो chaupahal retē, is a square file.
- 404. The square, or gnomon, is बटाम batām, गुनियाँ guniyān, or चलता बटाम chalta batām. The compasses are पर काल parkāl. A blunt point for drawing lines is खल क्स khatkas, or in South Bhagalpur कोर्स त korsāt. Sand-paper is सरेस क्ता sares kannā, सरेस कामज sares kāgaj, or सरेस पत्ता sares pattā. In South Bhagalpur it is काफी sāphē. The pincers for drawing nails are कस्ट्रा jamhūrā कार्रा jamūra or संस्था sanṛsā. Glue is सरेस sares. प्रयाल patthal, पथल pathal, or सिल sil, is the grindstone. The block on which the man works is जीसा thīha, उसा theha, or in South Bhagalpur दिया thiyā, दिसा thihā, or परकर्टी parkattho. In Gaya and Champaran it is called परियादा pariyāthā.
- 405. The English auger is also used, and is called अव गर् awgar, or in Tirhut गिर्मिट girmit (? = gimlet).
- 406. A lathe is खराइ kharād, and the man who works it is ख्राही kharādi, a turner.

CHAPTER II.—THE BLACKSMITH.

407. The blacksmith is जो हार lohār generally, and in South-East Tirhut he is also डाज़र thākur or कमार kamār. His smithy is कमर्च यर kamarsāyar. In Saran it is also जो ह यारी lohsārī, and in South Bhagalpur it is कमर्यारी kamarsārī or महंदे maraī.

- 408. His anvil is निहाद nihāi or नेहाद nehāi; but in South-East Tirhut it is जहाद lahāi, and in South Bhagalpur जिहाद lihāi. This is fixed in a block called उ हा thehā north of the Ganges, टीहा thihā in Shahabad, and in South Bhagalpur दिया thiyā, पा कर parkath, or गाइयास gariyās. In Patna and South Munger it is परिश parethā or पर करा parhatthā, and in Gaya परियास pariyāthā. In South-West Shahahad it is कं कुट ānkuth. A well-known proverb about an anvil is सुना चीट नेहादक द्यार sunna chot nehāīk mānthā,—if the anvil has nothing on it, the bellow falls on its head.
- 409. The घन्मधो channudhī is the swage block or perforated anvil on which iron is placed when being pierced with holes, and नौरी bīrī or नौर bīr (east generally, Patna, and Gaya) or इसा hannā (South Bhagalpur) is the round block of iron placed on this, also pierced with a hole. This latter is also used for making heads of nails, and another name for it is चप्रावन chaprāwan, चप्रीना chapraunā, or चप्रीनो chapraunā.
- 410. The large hammer for weilding is चन ghan; smaller than this is the हथौर hathaur or हथौरा hathaura; and smaller still the हथौरी hathaurā or मरिया mariyā.
- 411. The चाइ ा jamhūrā or चम्रा jamūrā is a pair of pincers or tongs round at the tips; other names are महुआ gahuā (Champāran, West Tirhut, and Patna), संद्रों sanrsī (Shahabad and South Bhagalpur), and वंग्री bangurī (South-West Shahabad). Everywhere संद्री sanrsī is used for a pincer adapted for taking a hot piece of iron out of the fire, tightening nuts, &c. To the west the समझे sugahī is a pair of horn or wooden pincers.
- 412. The iron poker for stirring the fire is north of the Ganges आं जुड़ा ankurā; in Gaya and Shahabal it is आं जुड़ा ankurā or आं जुड़ी ankurā; and in South Bhagalpur आंकोरा ankorā or आंकड़ा onkrā. North of the Ganges, to the west, it is also जुल तारा kultārā; while in Patna, Gaya, and South Munger it is कील टारा kollārā.
- 413. The cold chisel is छेनी chhenë, and the chisel for making holes in iron is टोपन topan, with a variant टोपना topaā in Patna and Gaya; another name is समा sumbhā south of the Ganges or समा summa or समो summa north of the Ganges.
- 414. The fixed bellows is মাঘা bhāthī, and also (south of the Ganges) মাঘা bhānthī. The hand-bellows is হৃহস্যা duhanthī when worked with both hands, হন্দ্ৰাই ekhanthī when worked with one hand,

and सुपीचा supauā in South-West Shahabad. In the south-east it is also कट्भाँचो kathbhanthī. The end of the bellows pipe which goes into the fice is मूड़ा mūrā, मूड़ी mūrī, or मूड़िया muriyā. In Saran it is अंकुड़ा ankurā; in South Bhagalpur, मारी mūrhī or सालक salak; in Patna मोह खा molkhā; and in South Munger, मोख डी mokhrā. The pipe itself is फं. क. phūnk; also north of the Ganges and to the west क्टें की chhunchhī or इ ज्ही chhuchchī; and in Patna, Gaya, Saran, and East Tirhut चों आ changā, or in South Tirbut चों भी chongā. The clay pipe over this is आरन् aran or अरनी arno, or in South-East Tirhut आर् ar. In East Tirhut it is also मोटडम् matiham, and in South-East Tirhut मेटम् metum. The wooden sides of the bellows are तख ता takhtā; also in Patna, Gaya, and South-West Shahabad पटरा patrā. The leather sides are चमड्रा cham?ā; also चाम् chām (optionally south of the Ganges) and खाल khāl in Champaran, Patna, and Gaya. The valve is पद्धा pankhā or पद्धी pankhī also (in Patna) viert pankhrī. In South-East Tirhut and Champaran it is nel gaddi. The pivot on which the pair of bellows works is काँड्रा konra north of the Ganges; also in North-West Tirhut सुर डा sursā. South of the Ganges, to the west, it is चुते dhūrē, and चा कुरा ankurā to the east and also in Shahabad and Champāran. The pillars which support it are saut khambha north of the Ganges and & 37 khuntā south of the Ganges and in South-East Tirhut. The upper iron bar is बड डा barenra or बडेंड्री barenra north of the Ganges, and बरंडा barethā in Patna and Gaya. In Shahabad it is वें ड्या benriyā, in South Bhagalpur sui danda, and in South-East Tirhut suci danta. lever which works the bellows is atu chhip in the North Gangetic tract, and also डग्टा danta in Tirhut; south of the Ganges it is जाड lāth or जाउ। lāthā, and in South-West Shahabad डाडा dandā. In South-West Shahabad a small bellows worked by both hands is मंड्रआ भाषी manraruā bhānthī. A well-known saying about the bellows is तुलसी आह ग्री व् के इरि से सहल् न चाय, मुखा चाम् का मूं क् से लोह् भसम् हो चाय, tulsi āh garīb ke hari sen sahal na jāy, mualā chām kā phūnk sen loh bhasam ho jāy, -O Tulsi! God cannot withstand the sigh of a poor man: the blowing of dead leather (in a bellows) reduces iron to ashes.

415. The बरमा birma is a revolving awl or drill worked with a bow, कमानी kamānī, with a leather string, तम्मा tasmā. Sometimes a string is used instead of a bow, and this is called दो बाला doālī or जोतो jotī, or in South-West Shahabad वर jemwar. The iron spike of the awl is north of the Ganges दाही dandī to the west and पानी phallī to the east. South of the Ganges we have दांच dāns in Shahabad, दारो dantī in Patna and Gaya, and दाही dandī again in the south-east.

- 416. The fixed vice is बांक bānk or (in South Bhagalpur and South Munger) बेस bais (?=vice), and the hand-vice is इच्कल hath-kal or (in Patna and Gaya) हाँ बकल hānthkal. The two sides of the vice which grasp the iron are पसा pillā; the screw is महारा musrā, or in North West Tirhut क्वला kabiā; and the socket for the screw to work in is क्वि chhuchhā, except in Shahabad, where it is चौजा chongiyā, and South Bhagalpur and Champāran, where it is चौजा chongā. The handle for turning the screw is north of the Ganges महा musrā or पत्नीनो chalaunā. The latter name is also current in Shahabad, where in the south-west of the district we also have इच्चा hathkarā or दखा dandā. In South Bhagalpur it is इच्चा hātul or इच्चा hathkā, and elsewhere it is इच्चा hathrā. The spring is कमानो kamāni.
 - 417. The tap and die for making screws is north of the Ganges नाँद्या bāndiyā or नहीया badīyā; the latter is the usual form in North-East Tirhut. South of the Ganges, in Gaya and Shahabad, it is निद्या badiyā, and elsewhere निध्या badhiyā. In South Bhagalpur it is also called हाइ dāi (die). Of this the female screw is ज्ञाइना kutkā, the tightenning screw चुट्को chutkī, and the nut-maker पेच्का pechkus. दिन्शी dhibrī, or in Sāran कन्ना kabla, is the nut of a screw.
 - 418. The common files are रेतो retī, and the round files मोलक् golak or मोलख golakh, and in South Bhagalpur मोल रेतो gol retī. The half-round file is निम्मोरिट nimgīrid, and the triangular file in Sāran तिन्मसा tinphallā, in Champāran तिर्मास tirphāl, in Shahabad तिर्मस्य tirpahal, in Tichut तेम स tephal, in Gaya तेमस्य tepahal, and elsewhere तिन्मस्य tinpahal or तिर्मस्या tirpahlā.
 - 419. The compasses are पर्ताल parkāl or क्यास kampās. The mould is साँचा sānchā, and the vessel for cooling hot iron पविद्या pani. hārā in Champāran, West Tirhut, and Gaya; पविद्या panihandā or प्रद्या panhandā in Shahabad and South-East Tirhut; चाद्या chāhā (also in South Munger), जदेश laberī, जाद्य lābar, or उनेर laber also in South-East Tirhut; विद्या naber or नमर् namer in North-East Tirhut; and नवेरी naberī in Tirhut generally. In South Bhagalpur it is प्रविद्या panchāhā.

CHAPTER III.—THE MASON OR BRICKLAYER.

420. The mason is called राज rāj, also राज सिस्टी rāj mistrri north of the Ganges, राज मज्र rāj majūr in South Bhagalpur and South Munger. In Sāran and Champāran he is also चन्द्र thavai.

421. He uses the and basule, which is a pointed hammer for cut-

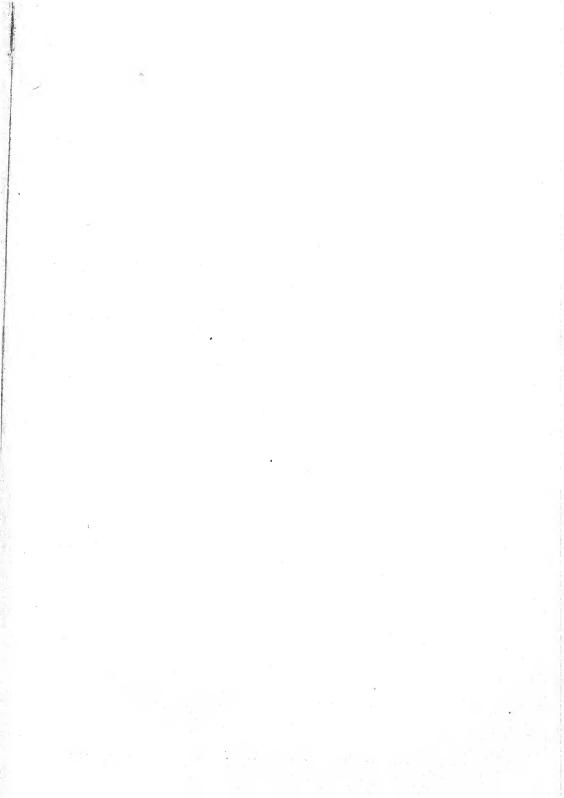
- 422. His trowels are (1) कर्नी karnī, the largest, for mixing mortar; (2) मंभोबा manjholā or (in South-West Shahabad) अध्वा adhlā, a smaller one; and नह्वा nahlā, or in Tirhut and the west क्वम kalam or क्वमो kalmī, the smallest one, for polishing the surface of the mortar.
- 423. Mortur is मचाला masālā or (in North-East Tirhut) गच् gach when made of brickdust and lime; when made of mud it is गिलावा gilāwā, also गर्रो garrā (Patna, Champāran, and North-East Tirhut) गारा gārā (Saran and the east), कार्रो kādo (South-West Tirhut), and चेर leë (South-West Shahabad).
- 424. The wooden beater for consolidating and smoothing plaster is मुँगरा mungrā or धापी thāpi. The रोज rol or रोज raul (South Munger, Patna, Saran, and Tirhut) is a long stick for smoothing the plaster. Other names are पहरा pahtā or पाटा pātā, पैटा paitā, पैट्टा paihtā (South Munger), and परमा pharmā in Gaya. In Shahabad and South Bhagalpur चिर्गा chārnā is a slip of wood used for the same purpose. The scoop for making moulding is north of the Ganges and to the east generally भोजानस golākas, and also to the east भोजा golā. Elsewhere south of the Ganges and in Champāran it is दर मुनो khurchunā.
- 425. The plumb is साइज sāhul. The string is दूत sāt, and in Champāran and South-East Tirbut also होरी dorī; and the small piece of wood fixed on the string are नेंड्रा kenrā or नेंड्रा kainrā in Tirbut, Shahabad, Patna, and Gaya, पना pottī in Sāran and Champāran, फिटनिंशी phitkirā also in Champāran, East Tirbut, and South Munger, फिरनो phirkā in South-West Shahabad, and फेट निना phetkinā in South Bhagalpur.
- 426. The square is गोनिया goniyā, गुनिया guniyā or गुनिया guniyān to the west, also साधनी sādhnī in Patna, Gaya and north of the Ganges generally, and रिवस rabil in South-East Tirhut and North Bhagalpur. To the west and in Gaya it is also बहाम batām.
- 427. The maul-stick is finat mister in Patna, the North-West and South Tirhut. In Tirhut, Gaya, and the west, it is finat ristar. In South Bhagalpur it is siu chip.
- 428. The whitewashing brush is क्रिकेट kānchi; in South Munger it is also भार नी jharnā.
- 429. The ladder is सोढ़ी sīrhī, and the scaffolding माँच mānch or मनान machān to the north of the Ganges. South of the Ganges the latter is पाढ़ pārh generally, or पाड़ pāth in Shahabad. In Champaran, Patna, and Gaya it is also चाना chālī.

- 430. The तगार or तगाड़ tagār (also तगाड़ी) tagārī in Tirhut is the pot in which the mortar is mixed. The mortar-pot is नाइ nād or नाइ nānd. The mortar-trough when made of clay is हाँड़ी hānrī, also को हा kohā in East Tirhut, and optionally अध्या athrā south of the Ganges. In South Bhagalpur it is also का दि स्वामित्रें. When made of wood it is कड़ा kathrā or कड़ीती kathauti.
- 431. The bricks are ground into powder (स्वा surkhi) by a crusher, देंकी dhenki or in Champaran) जाउ lath. Of this the pestle is म् सर् mūsar or मू स्रा musrā, or (in South-East Tirhut) समाठ हिं कांकिंकि. The piece of wood on which the bricks are sometimes crushed is specific okhrā north of the Ganges; south of the Ganges it is आखा okhlā in Gava, उखना ukhlā in South Munger, सुरियाँ bhuriyān in Patna, and कंदियों kanriyā elsewhere. It is supported by pillars, which are ख्टा khūntā or Ezzī khuttā in East Tirhut and south of the Ganges. In the latter tract they are also called GAI khambhā. In West Tirbut and Sāran and Champāran they are इंड्रा janghā or खामा khāmā. The axle on which it works is called अखीता akhautā in Patna and Saran, उखीता ukhautā in Gaya, and also अखें ला akhailā in Patna. In Champaran and North-West Tirhut it is माँभा manjhā, in South-West Tirhut किसा killā, and in East Tirhut such dantā. Sometimes a hammer is used for breaking the bricks, which is called HITTI mungra or (in Shahabad) इयज्ञटा hathkultā, and in Saran यापी thāpī.
- 432. The large earthen pot for water is चेंजा ghailā, also दिल्या thiliyā in Gaya and जारी gagrī north of the Ganges. The smaller pot is हाँड़ी hānrī or ह ड्यि hanrīyā, also को हा kohā in East Tirhut. South of the Ganges the pot with a spout for pouring water on the plaster is वधना badhnā. In South Tirhut it is वधन badhan, and in South Bhagalpur कारो jhārī. North of the Ganges generally करवा karwā or कांटिया kāntiyā is used, and in East Tirhut also प्रकी phuchchī.

CHAPTER IV .- THE GRAIN-PARCHER.

433. The grain-parcher is कानू kanā or काँट् kandā, with a variant काँट्न kāndān in Champāran, Patna, and Gaya. In Champāran (optionally) and in South-West Shahabad he is called बाँड् gon?, and north of the Ganges and to the south-east he is also known as अइम्जा bharbhānjā. Parched grain is भूजा bhānjā, or in Shahabad अजना bhunjnā. When it bursts in the parching it is called जाना lāwā or फुट्या phutahā.

¹ तमाड़ों is a diminutive form of तमाड़, ्र- कठोत् and कठोती.





GRAIN-PARCHERS (KÄNDU) AT WORK.

- 434. His parching house is चीन सार ghonsār or घोनसारी ghonsārī to the west, and also to the west of the North Gangetic tract, भन्सारी thansārī. In South-West Shahabad it is भर साँच thansārī. The name कन सार kansār or कनिसार kanisār is current in East Tirhut and to the east of the South Gangetic tract including Patna and Gaya. In Tirhut it is also कनसारी kansārī.
- 435. The fireplace is चूट्या chulhā in Tirhut and to the east of the South Gangetic tract, including Patna and Gaya; also भार bhār generally, and अनुसार bhansār north of the Ganges and in Gaya, and चीनसार ghonsār in Sāran. In South-West Shahabad it is भरसीय bharsāïn.
- 436. The place in front of the stove, on which the grain falls, is unt paruō in Shahabad and untal paruō in South Munger. In Patna and South-East Tirhut, it is unt paur; in Gaya, South Bhagalpor, and North-West Tirhut unt paurō; and in Saran and Champaran unt pārō. Another name more or less current north of the Ganges is untal chautrō.
- 437. The earthen pot in which the grain is parched is खापड़ khāpar or छए ड्रा khaprā when it is large with a wide mouth, and छए ड्रो khaprā when it is smaller. The latter is also called north of the Gances कुछा kundā or कू ड्रा kūnrā, to the west, and तौजा taulā to the east.
- 438. The iron spoon for taking out the hot sand is जल इख kalchhul in Sāran and Champāran and South Munger, and जल इख kalchhulā in Patna and Gaya. In Shahabad it is जलुङ् kaluchh or (in the south-west) जलुङ् kalus. In South-East Tirhut it is सर्हिया sarahiyā In South-East Bihar it is called उच्च dabbā. When made of earth with a bamboo, handle it is called उन्त नो ahaknā north of the Ganges and in South Munger, or सर्वा sarwā in North-East Tirhut.
- 439. The flat wood stirrer is called द्विता dabilā to the west. In North Tirhut it is द्विया dabiyā, and in South-East Tirhut दाव dāb and in Gaya कुट्र kurūr. A kind of broom, made of four or five reeds tied together is माट ihārū (Patna and Gaya), स्नाटो bhunjnāthī or बोट् नी borhnī to the south-east, बट्नी barhnī to the east generally, जर्ना larnā or बाइ नि lārni in North-East Tirhut, इप्नो chhipnī in South-East Tirhut, and चलीनो chalaunī north of the Ganges.
- 440. The sieve is चल नी chalnë generally, but चल ना chalnë in South-West Shahabad and चाल नी chānī in East Tirhut. To the west it is also सह ना jharnë, and also in South-East Tirhut चूप sūp.

^{1.} The proper word as actually used in Patna and Gaya is कलळ्खाना which is a familiar or contemptuous form of the word कलळ्डा. cf. विजास

- 441. The poker is खोर ना khornā or छोर नो khornī north of the Ganges and in South Bhagalpur and South Munger; elsewhere south of the Ganges it is खोड़ ना khornā or खोड़ नो khornī. In South East Tirhut and Champāran it is छोर नाडी khornāthī.
- 442. The basket for the grain is north of the Ganges होता daurā or होरो daurā. South of the Ganges we have बढ़ री batrā in Patna, मोनी maunā or मोनिया maunivā in Gaya and South Munger, भौकी bhaunkā in Shahabad, and हिल्या dalivā in Champaran and South Bhagalpur. In Champāran and Gaya, the सत्या satgharwā, and in South Munger the चाँड chānr, is an earthen vessel with seven or more divisions for various kinds of grain, and in South-East Tirhut a बैड की baithkā is a similar one with four divisions, and ह्या channā one with six. कोहा kohā or कंटिया kantivā in North-East and South-West Tirhut, and करवा karwā in Champaran, are earthen pots for grain, and करवा kathrā in Patna and Gaya, or कडीवी kathautā elsewhere south of the Ganges. is a wooden pan.
- 443. The grindstone is জানো jāntā or (in South-West Shahabad) জান jānt. Its axle is কিলা killā or (in South-East Tirhut) কাল kīl, and it is made to revolve by a handle, which is ছখুৱা or ছখুৱা hathrā generally, and জুলা jūā to the west, also ছাখুৱা hathar in South-East Tirhut.
- 444. The wages in grain paid to the grain-parcher is भार bhār, or in South Bhagalpur भारो bhāro, as in the proverb जी जरि रेख, भार जा बान्हज को jau jari gel, bhār la bānhal chhī,—the grain-parcher has burnt my barley and has tied me up for his fee (adding insult to injury). The quantity of grain parched at one time is बानी ghānī.

CHAPTER V .- THE BAKER.

- 445. The baker is generally नान वाद nānbāi with a local variant नन बाद nanbāi in Shahabad. In Gaya, he is नान पन nānpoj. He is also called रोटीवासा rotīwālā. He is proverbially a rude fellow, and नान बाद ने खिङ्गा nanbāi ke khingā is popularly used to mean a stout rude fellow.
 - 446. He uses an oven, तन्द् tanur or त दूर tandur.
- 447. His roasting-spit is south of the Ganges चौंख sīnkh, and elsewhere चौख sīkh. In North-East Tirhut it is also चौंक sink. This is fixed on supports, which are चिल्हा hichchhā to the west of the North Gangetic tract and in Patna, and कवान दानी kawāb dānī in South-East

Tirhut, Shahabad and South Bhagalpur. In Gaya they are to chakkas.

- 448. The bolling-pot is देगची or डंगची degchī. South of the Ganges and to the west it is also called पतीकी patīlī when made of earthenware.
- 449. The cup is रिकानी rikābī, the saucer रिकानी rikābī, or कटोरा katorā, and the wooden spoon जोइ doï, and also in East Tirhut चमच chamach or (to the west) चम्मच chamach.
- 450. The large wooden stirrer is called কম্বা kaphchā in North Bihār, ভাজা doā in North-East Tirhut, and ভালা dongā in South Tirhut In Patna it is ভাষা dābhā, and elsewhere south of the Ganges ভল্ল dabhū when made of iron, or কম্মাহ kaphgīr (west generally) when made of wood.
- 451. The cushion by which he places the cake on the side of the oven is रमोदा raphīdā, or in North-East Tirhut गदो gaddī. The हम तम्म hushtagnā is an iron bar hooked at the end, and the सर्रा arrā an iron bar flattened at the end. They are used in taking cakes out of the oven. The one is held in one hand, and the other in the other. The two together are called नोड़ी jorī, or in Champāran करनी kansi.
- 452. The instrument for making ornamental marks on pastry is north of the Ganges साँचा sānchā; south of the Ganges it is चोक् chokan in Shahabad, चोक्नी choknī in Patna, and elsewhere चोबा choka.
 - 453. The खरचनी khurachuni is an implement for cleaning vessels

CHAPTER VI.—THE CONFECTIONER.

- 454. The confectioner is ছন্তু সাহ haluāi in North, and ছন্ত্ৰাহ haluāi in South Bihār. His fireplace is ভুকুত্বা chūlhā, and also in Champāran and South Munger মন্ত্ৰী bhatthā, of which the stoke-hole is মৃত্ৰ munh, and also in Gaya and South-West Shahabad হুসাহ duār.
- 455. His open cauldron is कड़ाही kaṛāhī generally, also कड़ाहा kaṛhāï or तावा tāwa in Gaya. Of this the handles are डग्टी dantī, कड़ा kaṛā, or कमा kannā, with a variant कड़िया kariyā in South Munger.
- 456. The skimmer is कार ना jharnā in Patna, the north-west, and East Tirhut, इनोटा chanautā generally north of the Ganges, पौना paunā in the north-west, Tirhut, and south of the Ganges. In Patna it is 88 R. & J.

also पौनिया puuniyā, in South Bhagalpur चही chattī, and in Gaya, South Munger, and Sārau सम्भारा jhanjhrā. The large stirrer is केंग्रीचा keonchā, and the small stirrer कोन नी chho nī. In Champāran and North Tirhut it is also खर पी khurpī, and in South Bhagalpur खर चनी khurchanī.

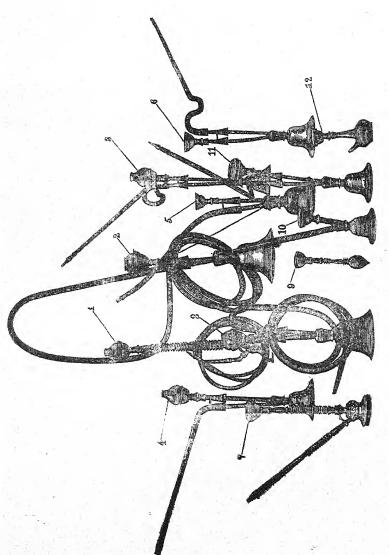
- 457. The wooden rolling-pln is बेज ना belnā, which is worked on a paste-board. This latter is called चन्छा chaklā when it is round, and चौको chaukī or पटरा patrā when it is oblong. Other names are तख ता takhtā (North-East Tirhut), पिएया pirhiyā (Gaya and South Bhagalpur), and पोए। pīrhā (Gaya and South Munger). The pestle for beating the dough is दावा dābā, (South-West Shahabad) दावा dābī, or (North-East Tirhut) दाव dāb. Other names are गुर्दम gurdam or सुबद्ध musad (Champāran), उप दन daptan (Patna), and मागा mungra (South Bhagalpur).
- 458. The spoon is কল ছুল kalchhul or in North-East Tirhut কৰেছ karuch. The brass ladle with a wooden handle for removing the sugar from one vessel to another is ভকু dabbū.
- 459. The wooden platter for sweets is মিহ্লা girdā north of the Ganges and in Shahabad, ভৌৰ বা khonchā north of the Ganges and in Gaya and South Munger, ভাৰ বা khānchā in South Bhagalpur, and ভাষা khānchā or ভাষাৰা dagarnā in Patna and Gaya.
- 460. The brass salver is আৰো thārī generally, with local variants আবিষ্যা thariyā in Shahabad and East Tirhut and আল thāl in Champāran and East Tirhut. In Saran and Tirhut it is also called ছীঘা chhīpā The deep brass pan is মহাল parāt.
- 461. The sweetmeats are exposed on stands called तरीने taraunā local variants being तरीना taraunā in Champāran and South-East Tirhut and तरेनी taraunā Champāran. In South Bhagalpur they are देखती tekhtā.
- 462. He has also a wooden basin, called कठ रा ka/hrā, कठ वत kathwat, or कठीतो kathautī]; a large ladle, डोइ री dohrī; and a pair of scales, called generally तराज् tarājū, तर जुद tarjuï; or उकोरी tekaurī. It is also टकोरी takaurī in Tirhut and the west, and नर्जा narjā in Champāran.
- 463. हजुआह के दोकान, दादा के पतिहा haluāi ke dokān, dāda ke phatehā, is a well-known proverb. A phatehā is a feast in honour of the dead, at which sweetmeats are given away for nothing. When a person wants to get a thing for nothing, which he has no right to expect, the proverb, which means 'a confectioner's shop is not my grandfather's funeral feast,' is said to him.

CHAPTER VII.—THE TOBACCO MANUFACTURER.

- 464. The tobacco-seller is तमाञ्चवाला tamāku-wālā, तमाञ्चपरीश tamāku-pharosh, or तमाञ्चल बाला tamākul-bālā. He crushing-lever, टॅंकी dhenkī, with a peg, मूचर् mūsar, मुसरा musrā, or समाउ samāth, fixed in it. It is supported on pillars, खूटा khūntū खुगटा khuntā, or (in the west) जङ्गा janghā or जीवया janghiyā, by an axis-pin विक्षा killā or अखीता akhoutā. It falls on a hollow bed called आख री okhrā or आख जी okhlā, on which the tobacco is placed. When the crushed tobacco is being removed, the beam is supported by a forked stick, which is called टेक नी teknī, टेकानी tekānī, or (in Shahabad) उत्ता thekā or उक् वा thakwā, or in Saran उन्ना thekwā In East Tirhut it is called ठ क नी theknī or अस गनी alganī, in Champaran अर्गनी argani, and in South Bhagalpur देंग्ना thengna or उच क्रन uchkun. Sometimes a string, val rassi, is used for this purpose. An illustration of the similar crushing-lever used in pounding bricks will be found opposite § 431.
- 465. The fragments of tobacco are collected by a broom, आइ ihārā or बढ़ नो barhnā, which is also called कुंची kānchā or क्रा kānchā towards the west and छर्षा kharharā in Patna. The tobacco is sprinkled with water from a water-pot, called पन इन्हा panhandā, इडिया hanriyā, कड़ाही karāhā, पियाला piyālā मटक्करी matkuri. In East Tirhut it is called अथरा athrā.
- 466. The balls of manufactured tobacco are generally પিৰাছা pilandā or ঘাঁষা dhodhā. Other names are লাছিয়া lohiyā (Champāran) নালা golā (Saran and the East), ভাঁহা londā (South Munger and North West Tirhut), লিভা littā in Patna and South Munger, and पिছা pindā in Shahabad. তিক্যা tikrā are smaller balls.
- 467. In a tobacco shop the broad flat metal plates are, northof the Ganges, सेनी senī, and south of it छान्या khānchā or खोन्या
 khonchā. The tobacco-pots are मांडा bhānrā, चर्चा charuā, or चर्ड् charuī. The cloth covering the stand for the vessels is खर्चा kh ruā,
 नांप jhāmp, or पर्हा pardā, and the board on which the tobacco is
 mixed is पर्श patrā or पौद्रा pīrhā. When of stone it is परिया patiyā.
 Instead of पीद्रा pīrhā, पिद्रिश pīrhiyā or तख ता takhtā may be u-ed.
- 468. Among the spices used in manufacturing tobacco are जटा मसो jatā masī, छड़ीला chharīlā, सगन्द नाला suganaa wālā, and सगन्द ज्ञान्तिला sugandā kokilā. Plain tobacco is called सादा sādā, that which is spiced or scented खँबीरा khambīrā or खमीरा khamīrā, and a mixture of the two दोख doras or दोस्सा dorassā.

CHAPTER VIII .-- THE PIPE-MAKER.

- 469. The maker of gurguries (vide post), who is a কটা kaserā or brazier, uses a kind of lathe, which is called অন্ত khūnād. Of this ছা khūnā, or in South Bhagalpur কুই kunda, is the block which holds one end of the stem as it is being turned. In it is fixed an iron spike called মুল gūnj. দেছো pharhā is a piece of iron which keeps the stem in its place as it is being turned, and ৰইনা baghelā, or in South Bhagalpur ৰইনা bughailā, is a piece of wood through a hole in which the stem is passed during the operation
- 470. The workman uses the revolving awl, बर्मा harmā, moved by a bow, कमाने kamānī, of which the string is तस्मा tasmā, डोरो dorī, or जोती jotī; a broad chisel, चौर्मा chaurasā, and a narrow gouge, नस्नी naharnī, or in South Bhagalpur नेस्नो nehnī; an adze, वसुना basvlā; a small saw, आही ārī; a knife, दूरी chhūrī; and files, रेतो retī.
- 471. The maker of hubble-bubbles (नरियर वाला nariyarwālā) uses a रेती retī (of which the point is हूर hūr), आरी ārī, बर्मा barmā, and मन gaj.
 - 472. The pipe (हुका hukkā) is of various kinds-
 - (i) The निर्मा narivar or निर्मान narival, which is the ordinary country hubble-bubble, in which mouth is applied to the cocoanut itself. It is smoked principally by Hindus. Of this the stem bearing the bowl for burning the tobacco is नीता botā or गहा gattā The short smoking-stem sometimes applied to the cocoanut, to save the hands from being blackened, is निमान nigalā or नर nar. The bowl is चिल्लम chillam or चिल्लम chilam. In South Bhagalpur पानी pongā is a temporary pipe made of the leaf of a tree. In South-West Shahabad द्रमी dammā is a wooden pipe used by travellers, and समस्माना damdamāchā a pipe used by women.
 - 473. (2) The other kinds stand on the ground, and are more or less similar to each other in shape. The general name is grant gurgurā when the smoking stem is joined to a tube rising from the brass bowl, and name gargarā when it issues directly from the brass bowl. They are generally made of metal or earth. Another name is pharsā. The tube arrangement for carrying the

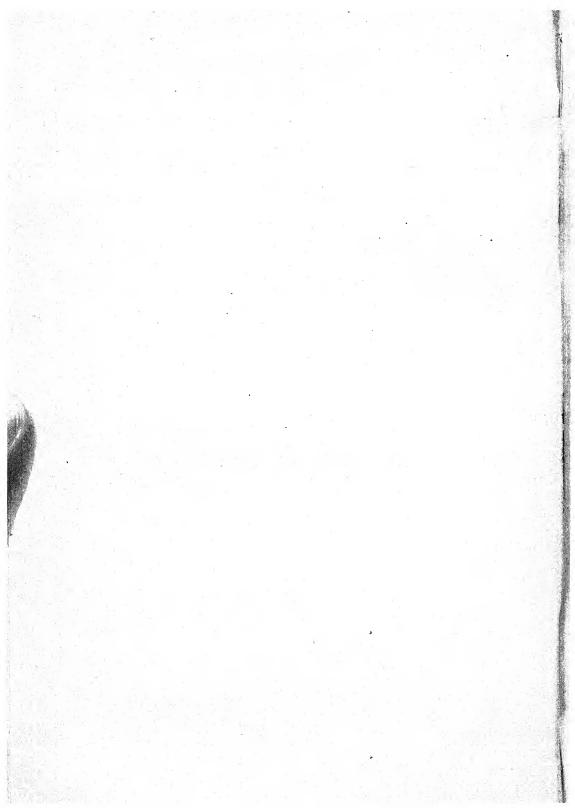


A collection of pipes.

Penchāār gargarā. Satuk or penchras. Jilebiyā kulphidār. Kulphidār chaugani, i 01 ≈ 4

Simple chaugani, Arhai Khamhe, Simple gargarā. Phatah peneh. ಸ್ಪರ್ಚ ಯ

Hubble-bubble or nariyar Thorhiyā. Kehunidār. Gauraiyā.



bowl is the same in principle as in the cocoanut kind The difference is in the smoking-stems (नेचा (naichā).

Of these there are-

- (a) कुलफोहार kulphīdār, that with joints (कुलफो kulphā), allowing the mouth-piece to be moved in any direction, A के हनीहार कुलफो kehanidār kulphā is a joint like elbow and a जिल विया कुलफो jilebigā hulphi is a twisted joint.
- (b) **WIT GIFT** arhai khamhā, that with two large bends and one small one.
- (c) st ager derh khumhā, that with two bends,
- (d) दिख्या tarhiyā or दिखा thariyā, with a short straight stem—used only by poor Musalmans.
- (e) चौगान्। changāni, the simplest kind—used by the poor.
- (f) मौरेया gauraiyā, a simple kind, made of pottery.
- (g) बाटक latak, which bends downwards.
- (h) হুল হাহ chhalledār, ornamented with gold or silver rings (হুলা) chhallā.
- (i) ঘটনা satak, ঘ বৰাৰ perhwan, ঘ বহাৰ penchdar, or দানছে ঘ ব phatah pench, are various kinds with the long, snake-like, flexible tube.

CHAPTER 1X.—THE PIPE-STEM MAKER.

- 474. The pipe-stem maker (ने चावन्द naichāband or ने चावान naichābān) uses an awl सज gai or (in Patna) सोड sìnkh; a polishing-knife क्र्री chhurī; a pair of scissors के चो kainchā or म क् रोज mekraj; a saw, आरों वर्रों; and a pair of tweezers, मोचना mochnā. He also uses तरसा tarlā or reed, and चिन chin (Panicum milacem), a superior kind which comes from Sylheti.
- 475. For making the longest snake-like stems, पंचान pechwān a board (takhtā), a string (डोरो dorī, and a mould (चानिव kālib are also used. The embroidered work on a pipe-stem is called in South Bhagalpur पानहार pāndār or मोरस्या morassā. The silk work on it is बराबर sarāsar or मराबड bharāwat, the flowered silk work on it बही butī, the silver work on it बल्पो alphī and the ornamental cloth work, उसटी पोन ultīchīn.

CHAPTER X -THE COTTON-CAR DER.

- 476. The cotton-carder is धुनियाँ dhuniyān. For a description of him and his instruments, see \$ 334 and ff.
- 477. In addition may be mentioned the uzer patkan which is an instrument for teasing cotton. It is also called no gaj in Tirhut, Shahabad, Gaya, and South Bhagalpur, and utic sati in Champaran and Shahabad. The uzer phatkā or uzer phatki is a simple bow used by village women for carding cotton
- 478. A lion once met a cotton-carder in the forest, and seeing his carding-bow, mistook him for a hunter. To avoid being killed, the lion addressed him द्वार्य धनुद्धि कान्छ बान, कहां चल दिखीस लातान hāthe dhanuhi kānhe bān, kahān chale Dilli Sultan,—with bow in hand and arrow on shoulder, where is the emperor of Delhi going? The cotton carder was equally frightened, but at length mustered courage to reply बन में रहना बन में खाना बड़े की बात बड़े पहचाना ban men rahnā, ban me khānā bare ke bat bare pahchanā although he lives and eats in the forest, only a gentleman can recognise a gentleman. These sayings have passed into proverbs, the meaning of which is obvious.

CHAPTER XI.-THE SHOEMAKER.

- 479. The shoemaker is मोची mochi or मोची moncchi in cities and समार chamār in the country. Among his tools are—
- 480. The thick iron pounder for joining the edges of two pieces of leather which have been previously smeared with paste, which is signal lohiyā north of the Ganges generally, also serial lahdungā to the west of that tract, and fuz st pitnā in North-East Tirhut. In Patna Gaya and South-West Shahabad it is signal lohangā and in the rest of. Shahabad and in South Bhagalpur it is signal ehongā or text tipnā In South Munger it is singthā. The paste used is signal leā or to the south-East signal. In South-East Tirhut it is signal kharī signal lasam is a similar paste made of pounded boiled rice.
- 481. The knife for scraping the surface of the leather is in North-West Bihar tin rampi or tin rapi. In Tirhnt, the west and South-East Bihar, it is also Et al khurpi. In Gaya it is Etul khurpi and in Patna tul rampa.
- 482. The large awl is सुतारी sutārī, with a variant स्ततः sutalī in Gaya. Tolthe east it is also जोचर lokhar, in Champara

जाइखर lāhkhar, and in South-East Tirhut आर ār. The awl with a hook at the end for sewing is इंटरनी katarni. In South Bhagalpur it is टक्सन takan, and in South Munger टिप्नो tipunī. The medium-sized awl is म नोजा manjholā or म नोजा manjholā.

- 483. The horn for greese is बिद्धा singā; south of the Ganges it is also बिङ्ग singh.
- 484. The last is प्रामा pharmā or (north of the Ganges and the South-East) कलबुत kalbūt; south of the Ganges it is also, in Gaya बाजबुद kālbūd, and काजबुद kalbūd elsewhere.
- 485. The wedges of wood or leather fastened to the last to make it fit are ম্বেছা paratahā (also in South Munger), or মানাছা paratāha in Shahabad, and মুছা pachchā in the south-west of the same district. In South Munger they are ক্ষেত্ৰী kapachherā,
- 486. The chisel for paring the edges or the sole is खुर्पो khura pī The sort of wooden chisel for smoothing the surface of the leather is बेंगा bengā to the east, बेंड आ beāngā north of the Ganges, or बेंगा or बेंगा beongi elsewhere south of it. In South Bhagalpur it is पेंजन pelan.
- 487. A wooden block for beating the leather is ছাঁমা hāmmar in South Munger and Gaya and ঘাঁমা ghāmmar in South-West Shahabad. The block on which the leather is cut is বিভিয়া pirhiyā, or in South Bhagalpur ভিয়া silā, and in Saran বিষয়া pirahā.

CHAPTER XII .- THE BLANKET-WEAVER.

- 488. The blanket-weaver is মউছী gareri south of the Ganges and মছিলা bhenrihār north of the Ganges; also in East Tirhut মন্ত্ৰ marar.
- 489. He uses a simple loom. The stick on which the blanket is wound as it is woven is कोखर okhar south of the Ganges. North of the Ganges it is विचाय sinjoy also विज्ञो sinjo in Tirhut and कमहर kamhar in Champāran. The supports for this beam are खट्टी khuttē खाँटि khanti or (in Gaya and East Tirhut) खंटा khuntā, In South-East Tirhut hut they are also गांचि gāli and गली gallē or गांचियारी galiyārē in Champaran. In Shahabad the left support is called बर्गी barnē, and the right hand one गांची galē In the same district the support furthest in front of him is पूरा dhūrā, and in Champaran पूर dhūrē.
- 490. The beam to which the web is fastened at the opposite end from the weaver is बोहारो ohāri. बे ben or बेंब benw is a wooden imple-

ment which is passed between the thread of the web to drive tight each thread of the woof. In South-East Tirhut it is also called **Equ** hathā.

- 491. The movable sticks placed at intervals to separate the threads of the web are ताधरी tagdhārī in Tirbut and Saran and बेसट bailat elsewhere, except वैसट bailath in Shahabad and बात barat in Champaran.
- 492. The heddles, or implement for alternately raising and depressing the threads of the web, are sufficient; also in South West Tirhut west phatthi.
- 493. The wooden scraper for removing knots or excrescences from the thread is विखारना khākhornā or विखारनी khikhornā north of the Ganges, also विद्योरना khidhornā in Champaran. In Patna it is विचारना khilhornā, and elsewhere south of the Ganges विख्यारना khilhornā.
- 494. The thick iron needle is ভুত্মা suā, or in South Munger মুখা suj. The shuttle is অংকা sargān in South Munger and north of the Ganges, and আছি serang or আছো serangā south of it.
- 495. In Saran and South-West Tirbut the भाँडी bhanri is a thick bamboo which is placed between the two threads of the warp. In Champaran it is चायत sāsat, in South-East Tirbut चाँचर sānsar, elsewhere south of the Ganges चांचत sānsat, and elsewhere चाँगा chongā.

CHAPTER XIII .- THE FANCY SILK OR FRINGE-MAKER.

- 496. This man is called पट वा patwā or पटहोरा patuherā. In Saran he is called पटहोरी patheri.
 - 497. He uses the कतरा katarā or कतला katala a piece of wood with four holes, in which four threads are fixed for winding.
 - 498. The wooden reei furnished with a handle is बटनी batani generally. The small wooden reel is अवडी anti or प्रस charakh An optional local name is गर्टी gattī in South-West Shahabad. गोली gotī, or in Tirhut and South Munger पंचन pechak, is a ball of thread The winding-stick is तीकी tīlī in Patna, बेजन belan in Shahabad and जराँद latāin in North-West Bihar.
 - 499. His scissors are kainchī. The coarse needle for smoothing roughness in thread is ৰজাহ, 'sālāi, also হকুজা takūā in East Tirhut, and ইকুজা tekūā in Champāran. The ivory smoother is মতাহ mathār

or in Saran सहरना matharnā. The large darning-needle is सूचा कार्य. The fine needle is सूद्दे suï, also ननस्हिया nanmuhiyā.

- 500. The iron hook with a ring which goes round the toe is अंक्रा or अंक्रा ankurā, also अंक्रा ankusa and अंक्रा ankūsī in Gaya and North-East Tirhut. This hook is supported on a stand called यून thūnū in Patna, यौगा thaunā in Gaya, यहा thalla in South-West Shahabad, धौना thaunā in the rest of the district, and यम thum to the east generally.
- 501. The drum of which the thread is wound is पर ता paretā परता paratā, or परतो parati in North-West Bihār. The Bamboo frame on which the thread is wound is बढ़ वा natwa or सह वा lutwa. In Patna it is बढाइ natāā, and in Gaya and the South-East बढा netwa.

CHAPTER XIV.—THE EMBROIDERER..

- 502. The embroiderer is जरहोज jardoj or (south of the Ganges) कारचोची वाला kārchobiwālā, and he makes embroidery (कारचोची kārchobī) on the कारचोच kārchob or embroidery-frame, on which the work is streeched. This frame is rectangular; and of the parallel pairs of sides, one pair is called (in Patna) समसेर samser or (in Gaya and the west) समसेरक samserak, and the other तोलो tīlī in Patna, फर्ट pharad in Gaya and Sāran, and पट्टी patti in Shahabad.
- 503. The small needle is सूई sāi, and the sewing-awl सुतमान sutemān north of the Ganges, सुतनान sutawān in Gaya and Shahabad सूत्रा sāa or निंड् सूई bari sāi in Patna Gaya and South Munger.

CHAPTER XV.—THE DYER.

- 504. The dyer is रंगरेज rangrej, in opposition to the रंगजाज rangsāi or painter. In North-West Bihār he is called रंगरेजो rangrejī.*
- 505. He uses a vat or pot sunk in the ground for his dyes. This is called north of the Ganges HTZ māt. In Patna it is HTZ mānt, and to the east HTZ māt. In Shahabad it is HTZ nhhon, and in the south-west of the district HTZ kundā. In Gaya and East Tirhut it is HTZ kūnr, and in South Bhagalpur and East Tirhut HTR golā.

^{*} This word is often confounded with the word च्यारेजी Angrejī 'English and in jest, or when speaking facetiously, the English in India are called रायंज rangrei, or 'dyers.'

506. His half-round pot is আহো athrā or বাছ nād north of the Ganges, in Shahabad, and South Munger. In South-East Tirhut and South Munger it is also called বাছাছাঃkarāhī. In Patna and Gaya it is

चाँड़ी hānrī, and in South Bhagalpur कड़हाद karhāi.

507. The wooden filter-frame on which the cloth is hung like a bag with the dye inside is माँची mānjī or मझी manjī generally. In South West Tirhut it is सिर्वा mirlā, in North-East Tirhut मोरो jhorī, in Gaya माँमो mānjhī, and in South Bhagalpur चम्मव chammal. The string tied to the cloth is क्यन kasan, and the cloth with the dye inside it in South Munger and Patna फुजगरना phulgarnā.

508. The stirring-stick for mixing the dyes is डाटो danti, or in South Munger डवा dantā, in South Bhagalpur टेखतो tekhtī, and in

North-East Tirhut जरना larnā.

CHAPTER XVI.—THE WOOD-PAINTER.

509. The wood-painter is মাৰাৰ rangsāj, as distinct from the rangrej or dyer. He uses two kinds of paints—one ভালা astar, which is a paste made up with chalk and gum, and the other বীমৰ rogan, which is made up with resin and oil.

CHAPTER XVII.—THE TIN-MAN.

510. The tin-man (ক্ৰিম্ kalaigar) uses a bellows, called ধাষা bhāthī south of the Ganges and in East Tirhut; elsewhere it is called খাকা dhaukani. Another name current south of the Ganges is খেকা khuthū bhāthī. The two sticks used as handles are north of the Ganges and in South Munger হুলো hatthī or হুলে hatthū, and south of it, and also in Tirhut, হুলো dantā. In South-East Tirhut they are also হুলা hatthā. The bamboo pipe is বামা chongā, also in North-West Tirhut निरोद्धा narauā, in Gaya and Shahabad বিশ্বত narāun, and in South Bhagalpur বামা chongā.

511. The solder is राँगा rāngā, and the soldering-iron कैया kaiyā. He also uses cotton-wool, रहें ruī, and pincers, सरसी sarsī or संस्थी sarsī. The उक्दा thikrā or खोरिया khoriyā is the flat title for

melting the solder.

5.12. The tin-cutter is केंची kainchī, and he also uses the small hammer, इचीरो hathaurī, and the compasses परकाल parkāl. The tin-scraper is नेइनो nehnī or जेइनो lehni; also खुरचुनो khurchunī in South Bhagalpur.

^{1. 372 (}danti) is really a diminutive of 3721 (danti).

513. The सन्दा sabra, सन्दी sabri, or (in South Bhagalpur) सन्द sābal, is a small kind of anvail, made of a bent piece of iron, with one end pointed and stuck in the ground.

CHAPTER XVIII.-THE JEWELLER.

- 514. The jeweller is बोनार sonār, or in Gaya बोनी sonī. In Cham pāran and North-West Tirhut he is बोनगट्या बोनार songarhuā sonār.
- 515. Amongst his implements are the tongs, which are चंद्रश sanrsā or चंद्रश sanrsā.
- 516. The pincers have various names. Large pincers are বিদ্যা chimtā in South-West Tirhut, also উদ্বা sahunā generally to the west আহ্বা sohnā to the east and in Gaya, and বুঁহা chuntā in Patna. Smaller ones are বিদ্যা chimtī, উদ্বা sehunī, নাহ্বা sohni, or বুঁহা chūntī. Another kind is মহুহা gahuā, which are the large pincers. Nippers are মহুই gahuā, or in South Bhagalpur মহুবা gahulī. The ক্ষমহা kagmuhīn are nippers twisted at the head for holding the crucible in the fire. These may also be called ব্যক্তা bagsanrsī in North-West Bihār and ব্যক্তা bagmuhīn in Tirhut and Champāran.
- 517. The বাদ্যো jamūrā or বাদ্যো jamurā are wire drawing-pincers, and the perforated wire plate is বালী jantrā south of the Ganges, in North-West Bihār, and East Tirhut, বাদা jaintrā north of the Ganges generally, and বানা jatrā in Champāran and North-East Tirhut.
- 518. The iron needle-shaped tool for making links of chains is ইন্টা tekulī to the north-west, হন্তা tekuā to the east and south-west, ইন্টা tekuā in Saran, Patna, and Gaya, and ইন্টা tekurī in South Bhagalpur.
- 519. The compasses are प्रकाश parkāl or कम्पास kampās, or in South-West Shahabad चर्चांकी chalānkī.
- 520. The chisel with a round knob for embossing circular ornamentation is खबने khalnë, or in Tirhut छोखने kholnë.
- 521. The cold chisel is देनी chheni, and a smaller variety is कवम balam south of the Ganges.
- 522. The cutters are कची kainchī, and also to the south, except Patna, कतर्बो katarnī.
- 523. Amongst hammers स्थोरा or स्थोदा hathaurā is the largest. The medium sized is मरिया or महिया mariyā, with a variant मरेया mareyā in North-East Tirhut; in Gaya it is महरनी matharas. The smallest

is गोवमहाँ golamunhan or गोवमहीँ golmuhan; another name is खोवमस्या kholmariyā in East Tirhut.

524. The small pointed anvil is समहान samdan. The curved

anvil is एकवाई ekwāï, or in East Tirhut एकावे ekābe.

525. The bell-metal anvil sunk with several depressions for making repousse work is नेंसना kansula in North-West Bihar, कंपना kanslā in East Tirhat, काँसुना kānsulā in South Tirhut, काँसना kānsalā in South-West Bihar, and क्रबंध kaslā in South Bhagalpur and South Munger.

526. The square-headed anvil is निहाद nihāi, or in Champaran and North-East Tirhut ने द्वार nehaë, and नद्वार nahāī in South-East

Tirhut. In South Bhagalpur it is touts lihāi,

- 527. The anvil blocks sunk in the ground are বাহা chāha in Saran and South-West Shahabad. In Champaran and West Tirhut they are ইছা thehā. In Shahabad they are ত্ৰৱা ekthā. In Patna, Gaya, and Tirhut they are परकड parkath, and in South-East Tirhut also पिर्शिटी pirgithī.
 - 528. The blow pipe is बननार baknār, or in Saran बन्नन baknal.
- 529. The hollow cane for blowing up the fire is at nare, with local variants नारी nari in Gaya, जारी lari in North-East Tirhut and South Bhagalpur. In South-East Tirhut it is optionally yantot phukāthī. The fireplace is अंग्रेडा angaitha north of the Ganges and अंग्रेडा angetha south of it. Another name of this last is बारबी borse. The fan for blowing up the fire is us pankhā or us pankhī; also in South-West Shahabad it is व नियाँ beniyan. In North-East Tirhut भट्ठी bhethi is the dry powdered earth used for cooling the hot metal.

530. The small clay crucible is चिंद्या or घरिया ghariyā. It is made of a mixture of clay and rags called in Shahabad autie kam-

praut, and in Champaran कपरीट kapraut.

- 531. An ingot not beaten out is कामी kāmī, or in Gaya एकवाइ e kwāi. In Saran it is មុका thakkā, in Champāran and North-West Tirhut इन्जनी chhalkī, South-East Tirhut मही gaddī or यान thāk (also in South Munger), in South Bhagalpur with thank, and in Tirhut generally except the nort-west व्हिजको chhilki. A block of silver beaten ont flat is चौरसा chaursa.
- 532. The iron ingot mould is प्राह्नी pargahani to the west and परचनी paraghani in Patna and Gaya. In East Tirhut it is द्वारा dhārā, in Saran कम द्वारा kam dhārā, and in South Bhagalpur नाजी मबीड

- 533. The moulds of various sizes into which metal is beaten are कटिकरा katakirā north of the Ganges, कटिकरा katakirā south of it to the east, उस्वा thassā in Saran, and उपा thappā in Gaya and Shahabad In Shahabad similar moulds are बहुता bahakā, लहेरिया, laheriyā, मोखबू gokhlā (also in South Bhagalpur), and मोतिया motiyā. To the west रहटवार rahatwār is a mould in which round articles are beaten into shape, and मंचरी gunjarā is a similar smaller one. In the same tract पगड़ी उसा pagarī thasā are milling moulds, such as those in which the edge is given to a rupee. The last are called in South Bhagalpur खोरा विस्ते khirā bichchā, वाँड bānh, or पगड़ा pagrā.
- 534. Pattern stamps for ornaments are হাঁৰা thonsā in Shahabad, তাৰা thāsā in Gaya and South Bhagalpur, তাঁৰ thāns in Patna, and ছামা chhāpā in South-West Shahabad and South Munger.
- 535. The कटोरी katori is a box or cup for holding scraps of silver. In North-East Tirhut it is called दिविया dibiā, and in Tirhut and to the east चित्रा situhā or र गेहरी rangehari.
- 536. The polishing-brush is बरोँकी baraunchhi. In South. East Tirhut it is also called जुची kuchchī. The polishing stone is ज्योपनी opnī or पोत pot.
- 537. The touch-stone is कार्योटी kasautī. A jeweller's wages is महाइ garhāī.

CHAPTER XIX-THE LAPIDARY.

- 538. The lapidary is इकाक hakkāk, or in South Bhagalpur मोइबी बोहार mohli lohār, and he uses a revolving grindstone or साम sān or in Shahabad चक्रसान chakarsān made of corundum powder and lac. The bow for turning this is कमाना hamānā or (to the west) कमानी hamānā. Its props are स्टूटा khūntā, देवाकी dewalā, or एकटा ekthā. Its wooden axle is क्षांबा sānkhā in Patna and Gaya, सह lattū in Shahabad, and कृत kūn to the east.
- 539. The agate burnishers are चाँटा ghontā, and the round ones चिस्ती sillā; the princers, चूंटो chuntā in Tirhut, Patna, Gaya, and the east, चिसटा chimtā in Saran, and च हुनी sehunā in Shahabad; the iron graver is सजाद salās; the cutters, के चो kainchā; the small hammer, ह्योरी hathaurā; the anvil, निहाद nshai; the pincers, चंद्रसी sanrsā; and the revolving awl चित्रा सन् jila sān or सर सान khar sān.

CHAPTER XX.—THE SEAL-MAKER.

- 540. The seal-maker is मोहरकन moharakan, and he uses a machine called a चरख charakh, of which the principal portion is a revolving awl, बरमा barmā.
- 541. The hammer which he uses is मधनी mathani or मरिया mariyā; the stone to which the metal to be engraved is fastened is देमा dhemā; and the diamond pen is कराम kalam.

CHAPTER XXI -THE GOLD-WASHER.

- 542. The gold-washer is called नियरिया niyariyā or नियारिया niyāriyā north of the Ganges and in Patna; elsewhere south of the Ganges he is called सनधोद्या sandhoā, and South Bhagalpur नियार घोट्या niyār dhoā.
- 543. He uses the নতা katharā or wooden pan for washing the ashes of jeweller's shops. Another name current in Patna and Gaya is কতালা kathautī. The ashes are নিয়ানা niyārā or ন আনা neārā, and they are collected by a scraper, ভাষা khurapā, and a broom, কুলা kūnchī or মুতা muthā. South of the Ganges the মন্ত্ৰী pakhurī is an iron instrument for collecting the ashes.
- 544. His sifting-pan is দুহন chhattan, or in Patna and Gaya তেনৰা dhakanā. In South Bhagalpur it is বীছহা chauhattā.
- 545. His bellows are भाषी bhathī; his blow-pipe, बक्तनार bakanār or in Shahabad बक्तना bakanāl; and the earthen pipe of the vessel which remains in the fire, सुखना suswā north of the Ganges and भूसा sūnsā south of it. In Saran it is also नरीचा narauā.
- 546. His pincers are में इसी sanrasi, or in North-West Tirhut सनमा sansā; and the iron stirrer सींक sīnk north of the Ganges and सींख sīnkh south of it. Another name of the latter is सलाइ salāi in North-West Bihar.
- 547. The earthen crucible is बाइया or बाइया ghariyā, also दोड dāb in Patna and Gaya and बाइदा addā in South Bhagalpur. These crucibles are of two kinds: the first only destroys the dirt, leaving all the metals behind, and is called बाजोटी baglautā. The second destroys all the baser metals left by the first, and leaves only the gold and silver untouched. It is called प्रकार punhar.

CHAPTER XXII.-THE BRAZIER.

- 548. The brazier is তইয়া thatherā, but in Shahabad he is also called কটা kaserā, which properly means a brass-founder. In North-East Tirhet he is তত্তি thatherī. He is famous for his powers of swindling, as in the proverb তত্তি তত্তি বহি বহলা ছাখ thatheri thatheri nahin badlā hoy,—braziers don't traffic with each other (for if they did, it would be diamond cutting diamond).
- 549. He uses the निहाद nihāi or नेहाए nehāe, or anvil. In East Tirhut this is also called जहार lehāe, and in Patna, Gaya, and South-West Shahabad प्यान pathal. The समदान samdān is the pointed anvil, which is also called in Gaya and Shahabad एकवाद ekwāi. The सन्दा sabrā or, in the south-east सान्द sābar, is an anvil round at the top. The circular anvil for shaping the mouth of a vessel is नोता chaukā south of the Ganges and नात्रसम्बा bagalabharuā northlof it. South of the Ganges the गेहिया geriyā (Gaya) or दुगोही dugorā (west) is a sort of wooden anvil or block. The गोनी सन्दो golā sabrā is a kind of anvil for pushing up any indentations. In South Bhagalpur it is called गोनसान golasābar. The सन्दे kharwe or in Shahabad दनना dabthā, is a kind of anvil on which hollow vessels (गारा gagrā) are hammered out. It stands on the two-legged दुगोहो dugorā, also called स्राट kharāt.
- 550. The cutters are के ची kainchī, also कात kāt in Gaya and North Tirhut.
- 551. The stirrers are —(a) for stirring solder, कैया kaiyā south of the Ganges and खराइ sarāi north of it; also जीपन lopan in East Tirhut: (b) the iron stirrer for mixing up the flux, पन्देनी pandenī north of the Ganges and Gaya, पनिनी penenī in Shahabad, and पनकाटो pankāthi (of wood) in South Bhagalpur.
- 552. The pincers are सनसी sansī or संस्थी sanrasi, also गहुआ gahuā; the file रेसी retī, and the hammers हथीरा hathaurā or हथीरो hathaurī, also सटना mathanā north of the Ganges and to the west. मरिया mariyā in East Tirhut, and घन ghan in North-East Tirhut.
- 553. The vessel for holding the flux, बोहामा sohagā or पाएन pāen, is कटोरी katorī. In South Bhagalpur it is पनवासा panawālā.
- 554. The bellows are মাখী bhāthi; the crucible, ঘড়ীয়া or ঘাইয়া ghariyā; the tongs, ঘন্ডী sanasī; and the perforated cover for the crucible, আইনে ohār north of the Ganges, South Munger, and South-West Shahabad; also: কাঁম jhāmp in South-East Tirhut and South

Munger, आंपन jhampan or आंपना jhampna in Patna and Gaya, व्हिपौना chhipaunā elsewhere in Shahabad, and नाइहाइ karhāi or सुन्दन mundan to the east.

The mallet is मंगरी mungri. The scales are तराजू tarājū 555. or तरन दें tarjuī. The polisher is क्लीबनी chholni or बेहनी lehni. South Munger it is also ने हनी nehni.

CHAPTER XXIII.—THE BRASS FOUNDER.

- He is कसेरा kasera, and in Gaya also तम्हेड्रा tamherā. **556.**
- He uses moulds of various kinds, called ভাষা sanchā, or in 557. Shahabad समार्गा kamadharnā. His lathe is खराइ kharād, or in Shahabad and South-East Bihar कुन्द kund. His large pincers are चंड्सा sanrasā or बनमा sanasā. His crucible घरिया ghariyā, of which the mouth is सृष्ट munh. His broad chisel is चौरसः chaurasā or चौरसी chaursi, also जेइनी lehani in Shahabad and छेनी chheni in the south-west of the same district.

CHAPTER XXIV.—THE BRASS BANGLE-MAKER.

The brass (काँसा kānsā) bangle-maker (उटे सी thatherā or उटेश thatherā) makes बाँही bānhi, which are brass bangles worn by the lower classes. To the east they are called बतिसी batisī, and in South Bhagalpur and bastī. When a number of these are worn, those at each end are called बन ban or (South-East Tirhut) कचरवी kachrukhī and (Saran) कतरो katarī. Of these the one highest up the arm is called अगुआ agua or आगेला agelā, and that nearest the hand, पक्षा pachhuā or पक्ला pachhelā.

He uses the following implements. Variants of the names **559**.

already given in other chapters will not be repeated here :-

560. ने हाय nehāy, the anvil; ह्यौरी hathauri, the hammer संद्रशी sanrasi, the princers; रेती retī, the file; हेनी chhenī, the cold chisel; भायों bhathī, the bellows; चांड्या ghariyā, the crucible; and ढाड़ा dhārā or सांचा sānchā, the mould, in which and kāmi is the orifice through which the molten alloy is poured.

CHAPTER XXV.—GLASS-MAKER AND GLASS BANGLE-MAKER.

These are the जीसा ढरेवाला sisā dharewālā or glass-manufacture; the Hatte manihar, who makes glass bangles; and the gitter or पुड़िहार $churih\bar{a}r$ or पुड़िया $churiy\bar{a}$, who makes the embossed ornaments on glass bangles.

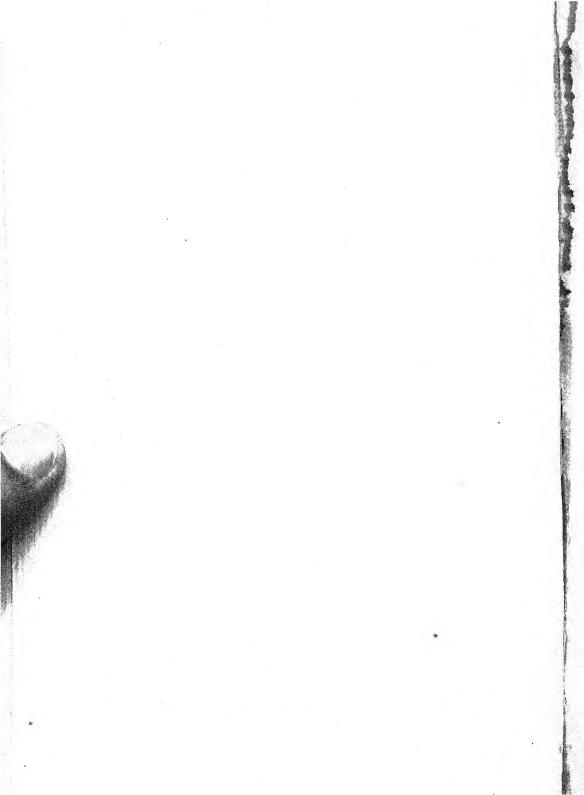
- 562. Their furnace is called भही bhatthi, of which the opening through which the melten glass is removed is बारा bārā north of the Ganges, मोइड़ा moharā in Shahabad, and elsewhere द्रवाना darwājā This is closed by a cover called योजवारी olwāri north of the Ganges and in South Munger, योजवारो olwāri in South-West Shahabad, प्योना dhapaunā in Shahabad, and elsewhere स्थाना jhapanā.
- 563. The earthen crucible is তিকাৰ thinkar or তিকৰা thikarā generally, also কড়াছা karahī in South-East Tirhut, and ভিৰম dibarā in Patna and Shahabad.
- 564. The spoon for putting the glass into the crucible is करह व karchhul. The iron hook for taking out the glass is अ जारी ankurā or व जारा ankurā in Patna and the west, अज़रा ankurā in South East Tirhut हथ अज़रो hath akuri in South Tirhut, इय उत्तरी hath ukrā in South Bhagalpur, and दर्श अज़री dharni akurā in Champaran. The instrument for turning the glass in the crucible is अज़रा akurā generally, and क्लाइ kalchhulā to the west.
- 565. The stone on which the ring is shaped is uব্য patthar or uব্য patthal north of the Ganges, and uহা pathrī south of it. The mould with a handle for shaping the bangle is কালেৰ ব kālbūt north of the Ganges, and ক্ৰাৰ্ছ kalbūd or ভাঁৱা sānchā south of it. The handle of this is ভাৱৰাজী sarkandī.
- 566. The long iron poker on which the glass is melted is बनाग salāg; the flat iron instrument for shaping the ring is माजा malā; and the instrument for widening the ring to the required size ने धनार bedhwār in North-West Bihar, नघनारो badhavārī in Patna and South Tirhut, and नघरना badharnā south of the Ganges. The द्वीट ने धनारा chhoti bedhavārī &c., or होटि अनुदो chhoti akurī, is the instrument for taking the ring off the mould. In South Bhagalpur it is घरनो gharanni.
- 567. Other instruments used by the glass bangle-maker are test tikhthi, which are bamboo slips for holding the bangles in the fire; usi panni, leaves of solder; usited phokāthi (Gaya and South Bhagalpur), usus phonphi (West Tirhut and South-West Shahabad), or usit narī (Patna, South Munger, Tirhut and rest of Shahabad), which is the pipe for blowing up the fire; the ususta angethi which is the fireplace; and usus chuntā (Shahabad), usus chuntā (Tirhut, Gaya, and South Munger), usit chūntī (South Bhagalpur), or untat chimatā (generally), which is the pincers.

- 568. In Shahabad a famous maker of glass bangle ornaments was one Samman Churiyā. It is said that when boys he and a king were pupils in the same school, and each promised that on his marriage he would show the other his wife. Samman married first, and did so. When, however, the king married, he refused to carry out the agreement and show his wife to Samman. The latter thereupon disguised himself as a female bangle-maker, and gaining admission to the female apartments, sold some ornaments to the queen in the presence of the king, who praised the workmanship, saying the bangles were like ivory ones. Next day the king began to boast of his high character, and how he would never allow his wife to be seen by an outside man, when he was interrupted by Samman reciting the following verse, which showed the other how he had been made a fool of :-- सम्मन चुरिया ज गढ़ेँ च्यों इस्ती के दन्त. वाँ इ पकांड रस केत हैं, बैठे होतें कन्त Samman Churiyā ū garhen jyon hastī ke dant, bānh pakari ras let hain, baithe dekhen kant,-Samman the bangle embosser makes bangles like ivory. He held her by the arm, and had the pleasure (of seeing her) while her husband was sitting by.
- 569. The stamp for making embossed ornaments on the bangle is ছাঁৰা sānchā (Tirhut and the south-east), কৰিবা কৰেবা karailī katnā (Champaran), তথা thappā (South-West Shahabad), and ছাখা chhāpā (Tirhut and elsewhere in Shahabad). In Champaran and South-West Tirhut বামা togar is an instrument for embossing.

CHAPTER XXVI.—THE LAC BANGLE-MAKER.

- 570. The lac (बाख lākh or बाह lāh) bangle-maker is जहरी lah erī or बहरा laherā. He uses a block of wood with a handle, on which the bangles are fitted, which is called कुन्ह kund; a साँचा sanchā, which is a brass mould for embossing ornaments; and a दुमकी chubhkī (and also to the east दुमती chubhtī), which is an ivory mould for embossing. His bamboo pipe for blowing the fire is नरी narī or नारो nārī, also फुकाटी phukāthī or बारो lārī in South Bhagalpur and फुखाटी phukhāthī in North-West Tirhut.
- 571. A bangle whether of glass or lac, is The latter variety is also called Table lahath. Of these the thickest, or keeper which prevents the thinner ones slipping over the hand, is that kangant. The end bangles of a set are and, or in South Bhagalpur larant, and the intermediate ones Rant surki, and in South Bhagalpur uzzi pahatā.

Potter (Kumhår) at work



CHAPTER XX VII.—THE POTTER.

- 572. The potter is generally called जुमहार kumhār or जुम्हार kumharā; in the east he is also called पाँखत pandīt, and in Patna and Gaya also परनापत parajāpat. In Shahabad he is जुँहार kumhār, and in the south-west of the district सोहार kohār. Concerning him there is a proverb, निचिन्त सूते जुम्हरा, मिट्या न से नाय चौर nichint sūte kumharā, matiyā na le jāy chore,—the potter sleeps secure, for no one will steal clay. His wife is known as जुमहिन kumahaini or जुमहिन kumahaini as in the proverb तेसी वैस सा जुमहिन kumahaini or जुमहिन kumahaini satti,—for the sake of the oilman's ox; the potter's wife has become suttee, i.e., she interests herself in other people's affairs.
- 573. His wheel is चाक chāk, which is turned by a stick, चनेंट chakaith, or in North-East Tirhut छरि chhari, on a peg, which is की बा kilā or किसा killā to the west, and खूँटो khūntī or खुड़ी khuttī to the east. In South Bhagalpur it is, however, सिसा sillā.
- 574. The implement for mixing the clay is ज इसुर lehasur north of the Ganges and जहार lahasur south of the Ganges !generally. In Shahabad it is कटनी katani, and in South Bhagalpur पहा pattā.
- 575. The rammer for consolidating the clay is पीटन pētas when made of wood; when made of earthenware it is पो इ pēnr north of the Ganges generally and in Shahabad, पिढ़ीर pirhaur or पिढ़ रो pinrhuri in Patna, and पिढ़ र pinrhur in Gaya. In South Bhagalpur it is पिनौरी pinaurē. The clay is smoothed with an instrument called दिलीना milaunā north of the Ganges and in South Munger, and also मजनी majanē in South-East Tirhut and South Bhagalpur.
- 576. The moulds for shaping vessels are অথা athari generally. Other names are ক্তেম্থা kathathri in Patna and ক্যেয়া karathari in South Bhagalpur. The pots when ready are severed from the wheel by a string called ছ বন chkewan; also ছানা chhauni in Patna and ছ বনা chkewni to the east. In South Bhagalpur it is হ বনা chhewno. Another name is ক্ষেত্ৰা kamathi in North-West Tirhut. The মহা sanchā or মানা sānchā is a mould used in making tiles.
 - 577. The Kiln is छावा āwā.
- 578. The clay-pit has many names, viz. चुआं chūān (South-West Tirhut), खंदार khanrar (Patna), महिखान matikhān (West Tirhut, Gaya, and Shahabad, महस्ता matakhana South-West Shahabad and Tirhut), महस्ता matakhabha (South Bhagalpur), महस्तार matakore (Patna and

South Munger), and महियार matiyār (South-East Tirbut). Other names are कोइंड्सर kohanragar in Saran and महस्तम matakham in North-West Tirbut.

579. The earthen pot in which the water which the potter uses while making the vessel is kept is called ব্ৰৱহ chakwar in the north-west; also অথবাৰী athawāni in North-West Tirhut, হ্থবাৰী hathawāni in Gaya and South-East Tirhut, and ক্ৰিড kadaith in South Munger. In South Bhagalpur it is ব্ৰীড়া chakorī or হ্থ্যাৰী hathapāni.

CHAPTER XXVIII.—THE FIREWORK-MAKER.

- 580. The firework-maker is আনেধৰাৰ ātasbāj or আন্মাৰাৰ ātasbāj. In Shahabad and South Bhagalpur he is বৰাহৰবাৰা rawaisawala. In South Bhagalpur মাঁড়া yonrā is the name of a caste whose employment is to make fireworks.
- 581. He uses a grindstone, which is বন্ধী chakkī to the west and in South Bhagalpur, and লাঁনা jāntā in Tirhut and to the east; also in East Tirhut বন্ধী chakarī. In South-West Shahabad it is বিষয় sil.
- 582. His ramrod for ramming the powder is कलड़ kalabad generally, with a variant कलड़ kalabāt in South-West Shahabad. In the rest of Shahabad it is सुद्धा sumbā, and in South-East Tirhut optionally उमहा sumbā when made of iron. In Saran it is मन qaj. The wooden roller used in making a Roman candle is खोजनहा kholakrā, and in South Bhagalpur also खोजनो kholanī.
- 583. His saw is आरो āri; his knife, ह्री chūrī. A flat heavy one is बॉको bānkī in Saran and Champaran, बॉक bānk in Shahabad, द्वा dāb in Tirhut, and द्विया abiyā also in the north-east of the same district. His awl is बरमा baramā, and his file is रेतो retī.
- 584. His wooden platter is ক্তন্ katharā to the west, কতীনী kathautī or কতীন্ kathaut in Patna, Gaya, and East Tirhut, and কভ্ছাই karhāi in South Bhagalpur অথনে atharā, in Tirhut, Gaya, and South-West Shahabad, is a kneading-troach, similarly used.
 - 585. Among the fireworks which he makes are-
 - (a) The hand Catherine wheel, ব্ৰে charakhi, and that which is mounted on a pole, বৃদ্ধু chakkar, তেই বৃদ্ধু radhe chakkar (South-East Tirhut), or বৃদ্ধুৰ chakaraban (Shahabad).

Of these, the pipes in which the powder is placed are नाल nāl, or to the east जाल lāl or जाजा lāla, and in South Munger नज्ञा nallā. The pipe in which the axle works is also called नाल nāl. &c., as above; also पुरुषो pullā in South-West Shahabad कुलमो kulaphi in South Bhagalpur and in South-Fast Tirhut द्नियाजो daniyālā. The axle itself is मकरो makarā or इन्हो chhuchchi north of the Ganges generally, and also पापी phonphā to the west. The spokes and rim of the wheel are titl dhānchā to the west or titl dhancharā in Saran, ठाड that in Tirhut, महरो marari in South Munger, and महरा menrara in South Bhagalpur.

- (b) There are various kinds of bombs; amongst them are सुचमा bhuchampā or सुचमा bhuchappā (north of the Ganges) or सदं चम्पा bhuin champā (south of it), अनार anār (generally), कुल्ह्या kulhiyā (north of the Ganges) or जीको laukī (east generally), नमाचा bamagola (generally) or मोजा golā (Champaran and North-East Tirhut), तड़ाका tarakā (south of the Ganges), नास पास nas pāl (generally) स्तुआ dantuā and तारना toranā (Shahabad), A long kind of bomb is north of the Ganges चहका chahakā.
- (c) The balloon is মহাহা petārā south of the Ganges, and মহাহা
 petārhā or মাৰাহা gobārā north of the Ganges, to the west.
 In North-East Tirhut it is ভাষো মহাহা urtā petārhā and in South-East Tirhut ভাষা মহাহা uran petarha.
- (d) The **rocket** is ছবাছ hawāi or অধ্যান বাহা asamān tārā; also ফুড়ী chharī in North-West Tirhut. In South-West Shahabad, Saran, and Champaran বাৰ bān, and in North-East Tirhut অভ্নী বাৰ jangī bān, is a species of rocket.
- (e) The Roman candle is মন্ত্রালী mahatābi generally, also হল্লী
 dastī north of the Ganges and মন্ত্র gallar in Shahabad
 and East Tirhut.
- (f) Other fireworks are महतान mahatāb, खन्र khajūr, निजा kitā (a miniature fort, of which the bastions are बुकी burjā), गञ्ज सितारा ganj sitārā, कदम गास् kadam gāchh, चादर पड़ाकेदार chādar parakedār, सादा चादर sādā chādar, चादर chhādar or (East Tirhut) सीसन के टही sausan ke tattī चाँद चरखी chand charakhā, पटेनान patebāj, किरिन kirin or

(North-East Tirhut) दिश्विन चन्तर kirin chakkar, इसन्दर chhuchhundar (West Tirbut and South-West Shahabad), जर्वेबी jalebī (South-West Shahahad), मुर्श murarā or मरहा marahā (South-West Shahabad and Gaya), चन्दर कला chandar kalā (South-West Shahabad), पड़का paraka or (South-West Shahabad), पटाखा patākhā (Chinese crackers), मूद् mūrhā, दीपन dīpak, जूही jūhī, रसपाल rasapāl (Saran and Champaran), आर्हाना aradānā (East Tirhut), देव deb or देव deo (a flying monster), नटवान natabāj or खरत देव larat deb (fighting monsters), कीत बान kart ban (a round rocket), फारसी गीला phārasi golā, टट्टी सीलू फर tatti lilū phar (south of the Ganges), घन चक्कर ghan chakkar (south of the Ganges), मोर चक्का mor chakkar (south of the Ganges), मोर बाज mor bāj (south of the Ganges), पंचरखी pancharakhī (Shahabad), चौताना chautānā (Shahabad), इनार बीन hujār bīn (Shahabad), चौधड़ा chaugharā (Shahabad) हुल्झ huluk (Shahabad), and बतासा batāsā (Patna), which is also called आंगारी angārī in Shahabad. In South Bhagalpur खोकी laukī and पद्चा padukā have been noted.

CHAPTER XXIX.—THE BOOKBINDER.

586. The bookbinder is in North-West Bihar इफर्शे daphadarī and in East Tirhut इफतरो daphatarī. In South-East Tirhut he is also called नाग्नो kagajī. South of the Ganges he is जिल्हा jildband, or in Shahabad जिल्हार jildgar.

587. His screw-press is स्विता sikanjā. Another kind of press is सवरी makri. The wooden boards for putting between the books in the screwpress are तस्ता takhtā or (in Patna and South Bhagalpur) तस्ती takhtā. In Shahabad and North-East Tirhut they are पटरी patarā; in South-East Tirhut, पिर्धा pirhiyā; and in South-East and North-West Tirhut, निम्नदर्श nishakardā.

588. The paper cutter is कतर्नी kataranī, or (in Champaran) पार्ट pāṛh or बार् bāṛh. The schssors are केंची kainchī, or in North Bihar also म कराज mekrāj.

589. The iron mallet is इयोरी hathauri or मारतील mārtaui, and the awl मूचा sūā north of the Ganges generally and in Shahabad and South Bhagalpur, सराखो surākhī in Patna, स्वास्त्रो sulākhī in Gaya,

सुतारी sutari north of the Ganges, and टेक्स प्रा tekuā optionally in South-East Tirhut. The needle is स्दे sui.

- 590. The embossing wheel, which is an instrument with a small revolving wheel for embossing the binding, is पिरकी phirki in North-West Bihar and South-East Tirhut, चनका chakki in Tirhut and Patna, चनका chakkar in Gaya and South Bhagalpur, and चनका chakkā in Shahabad. Other dies for embossing are पूजा phūl or (optionally in Champaran and Tirhut) उथा thappā; also नाजर ihālar, चनजीरा janjāra, and होच्यी dosūtā,
- 591. The cutter for paring edges is स्तामा jhāmā north of the Ganges and Patna, and सोइन sohan elsewhere. A file for the same purpose is रेती retē.
- 592. The wooden tool for smoothing the binding is सर्वस sales (corruption of English 'slice'). It is also called तिल्लो tilli or तीको tili, and in East Tirhut कमची kamachi.
- 593. The leather-scraper is खुर्पो khurapī, also north of the Ganges द्विनो chilani. पत्थर patthar is the flat stone on which the leather is scraped.

CHAPTER XXX.—THE ROPE-TWISTER.

- 594. The rope-twister is ক'লা kanjar in North-West Bihar and Gaya, and লাঁহ chain in West Tirhut. In Shahabad and Gaya he is ব্যৱহা rasabantā. The art of rope twisting is ব্যৱহা batnāi.
- 595. His rope-twisting implement is called ঘিনো ghirnই or ঘিনেই ghirnaē, also ঘড়া gharē in South-West Tirhut. Of this the भौरक्को bhaunrakalē is a flat stone with a hook, to which the rope is fastened as it is being twisted; semetimes a peg, ছে ই khuntē, is used for this purpose. The board or bamboo fixed in the ground and perforated with holes, by which the strands, লা lar, pass is called মহাছা garārē north of the Ganges, মানি gararē in Patna, ঘানি ghararē in Gaya, and ঘানি ghiranē in Shahabad. The strands are fixed to the ends of pegs, ৰ জন belan, which revolve in these holes.
 - 596. The string used to move the machine is चिर्ना ghirana.
- 597. When cables and thick ropes are made, an instrument called (north of the Ganges) Tau at a hattha charak and (south of the Ganges) Hat mutha is used. This is a grooved block, in the grooves of which the strands are fixed to secure uniformity in the twisting. A man holds it in his hands, and carries it forward as the strands are twisted.

598, A simpler kind of machine is called चरख charakh or चरखी charkhī. It consists of only a bent wooden handle, suit dandī, and a perforated board. The strands are fastened at one end to the handle, and the other ends are twisted by hand.

CHAPTER XXXI.—THE WEAVER'S BRUSH-MAKER.

599. The weaver's brush-maker is called आच व ववा kunchbandhawā. The brush is called क्या kūnchī, क्य kūnch, &c. (See Chapter

on Weaving.)

600. He uses the साँचा sānchā, which are two moulds for keeping the brush in order while it is being prepared. He beats the brush with a ठोकना thokanā; and he has a flat piece of wood called पटरी patari for keeping the bristles in order.

CHAPTER XXXII .- THE BOW-MAKER.

601. A bow is क्रमान kamān, or in North-East Tirhut कमडा kamathā, and its maker is annual kamangar. He has no special implements.

CHAPTER XXXIII.-THE WEAPON-CLEANER.

602. The चिक्तिलगर sikilgar or arms-cleaner uses a रहा randa, or in North-East Tirhut स्नाम ihām, which is a kind of plane for cleaning off rust; a गुल्ली gulli, a piece of hand stone for a similar purpose; कुरन kurun, a kind of stone powder. He also uses a सिंघीटा singhoutā or polishing-horn, a सचक्की uasakali or iron instrument, and गही gaddi or thick cloth, both used for varnishing.

DIVISION II.

DOMESTIC APPLIANCES AND UTENSILS.

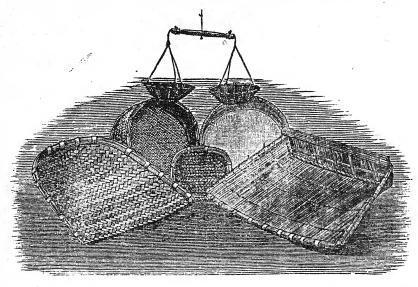
SUBDIVISION I.

APPLIANCES USED IN THE PREPARATION OF FOOD.

CHAPTER I.-SIEVES.

- 603. The winnowing-sieve is स्था sāp or क्लांस प kolasup. The former is also used for sifting grains of various sizes. It is made of reeds. The latter is used for winnowing only, and is woven of bamboo slips. They are both oblong in shape, and have a low wall round three sides, called in East Tirhut महरा mararā. Other names are कोनिया koniyā (North-East Tirhut) and ह्यारा dagarā (see § 47) in Gaya, Champāran, and North-West Tirhut.
- 604. The चालनो chalani, or (North-East Tirhut) चालनि chālani, is a woven sieve for sifting bran from flour, as in the proverb concerning an extravagant man, जीन प्रावन मेजह गाय, चालनि ज दुहाने जाय kon pūrukhak bhelahuñ gāy, chālani lai duhāwa jāy,—of what man have I become the cow: he has brought a sieve into which to milk me. Again, चालनि टसल सूप क, जनिका सहसर मोट छेट chālani tāsal sūp keñ, janikā sahasar got chhed,—the sieve, which had a thousand holes, sneered at the winnowing-basket, i.e. the pot called the kettle black.
- 605. The चिलान chilawan, or in Saran, Patna, and Gaya चिलोंच chilawnj or चिलोंच chilawnd, and in South Munger चिलोंन chilawn, is a kind of sieve used for catching fish, and also (according to Crooke) in the North-Western Provinces for straining sugar-cane juice. Other names are आरबी ārsi or जङ्गा janghā, both used in South Bhagalpur, and the latter in North-East Tirhut and the former in Saran.
- 606. The বুলা chalanā is a sieve for cleaning grain. Other names are নাৰো jharanā south of the Ganges, বছৌ tarchhi in Champāran and মুখেলনা gurchalanā (North-East Tirhut).
- 607. The still angi or inat angigā is a cloth-bottomed sieve for sifting fine flour. It is called still hangi in Gaya and surge 88 R. & J.

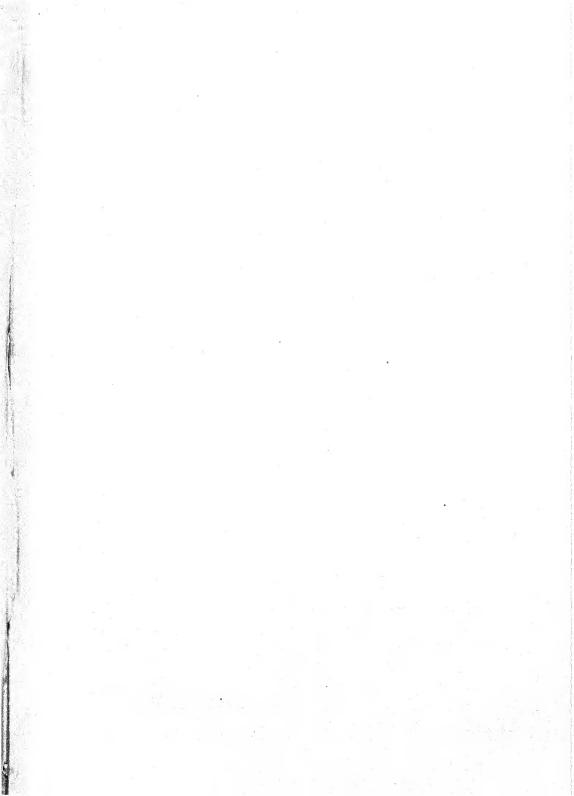
kapardhūr optionally north of the Ganges. In Azamgarh, in the North-Western Provinces, आँवो ānghō is a leather sieve with very fine holes.

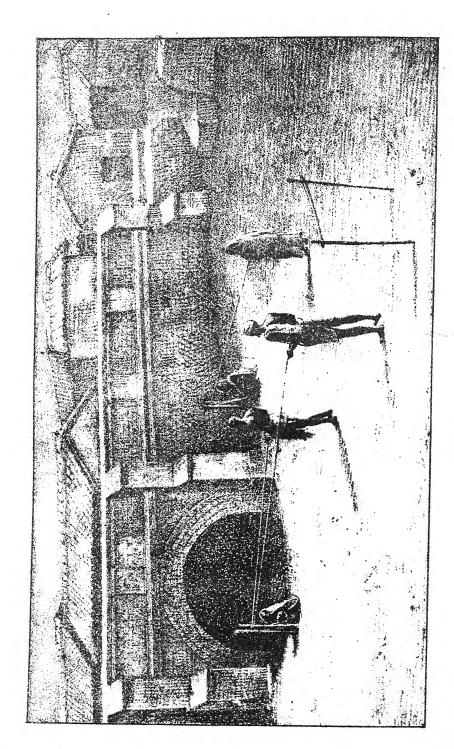


	Taraju.	
Chalani.	Supuli.	Ángi
Kolasup.		Sup.

CHAPTER II .- THE PEDAL FOR HUSKING GRAIN.

- 608. The whole apparatus, and also the movable beam, is called টুকা dhenkā or in Shahabad) টুকা dhenkā or টুকা dheka and in Sāran) টুকা dherkul.
- 609. The pillars on which the beam rests are সভূষ janghā in North and East Bihār স্থা jānghā in Shahabad, and সভাষা janghīgā in North-West Tirhut. In Tirhut and the west they are হো khūntā, in Patna and Gaya ভুলা khuntā, and in South Bhagalpur and South Munger ভুহা khuttā. In South-West Shahabad they are called ভুলা khambhā.
- 610. The peg in the beam which crushes the rice is THE musar to the south and west, and HUII musarā in Tirhut, Patna, Shahabad, and South Bhagalpur. In Saran, another name is UNTIL paharuwā. In South Munger, Patna, and Gaya it is UNIC samāth or UNIC samanth and UNIC samauā is the iron ferule round its tip.





A Native Rope Walk.

- 611. The axle is generally অভীব akhaut or অভীবা akhautā, local names being মাঁলা mārjāā in Champāran and North-East Tirhut, ভুলনা belanā in North-West Tirhut, and ভুড়া danda also in North-East Tirhut. In Patna it is বেকা ranakā, in South Bhagalpur অব্যুল্য askalai, and in South-West Shahahad ভাষা sārā.
- 612. The hollow wooden bed in which the rice is crushed is बाबरो okhri north of the Ganges, or as a local variant बाबर okhar in North East Tirhut and the north-west. बाबरो okharī and सुन्हो bhundo occur also in South Bhagalpur, and उसरो ukharī in South Munger. In South-West Shahabad it is कांडो karri in the rest of the district सुन्या bhuriyā, in Gaya सुद्दे बाबरो bhuiñokhari, and in Patna सुन्दे के hunraki or युक्तो ghundī. The stick used for stirring the grain while it is being pounded is in Gaya and South Bhagalpur है करा thekarā.
- 613. The hand-rail which the work man grasps is সংখ্যা astham north of the Ganges and খননী thamanī or সংলানী algani in South Bhagalpur. It is হঁমনা tanganī in Patna and South Munger, also আছানা arāni in South Munger, and ছমৌ hatthī in Gaya. In Shahabad a rope (হম্মা rassī) is used.
- 614. The ped sl or place where the worker rests his foot is पौर्र paudar in Patna and Shanabad, पह्चर pachhahar or पहाड़ pachhār in Sāran and Champaran, पृह्डा puchharā in North-East Tirhut, पहोरा pachhaurā in South-West Shahabad पहुचा pachhuā in South Munger, पहोद्या puchhāyā in South Bhagalpur, पाँछी ponchhā in Gaya, and जतमरा latamarā in North-West Tirhut. The pit into which this is depressed is in Gaya बोर्पोरो gorpaurī, and in South Bhagalpur बना gatto.
- 615. This implement is practically the same as the lever for breaking bricks, for an illustration of which see § 431.

CHAPTER III,—THE PESTLE AND MORTAR USED FOR HUSKING GRAIN.

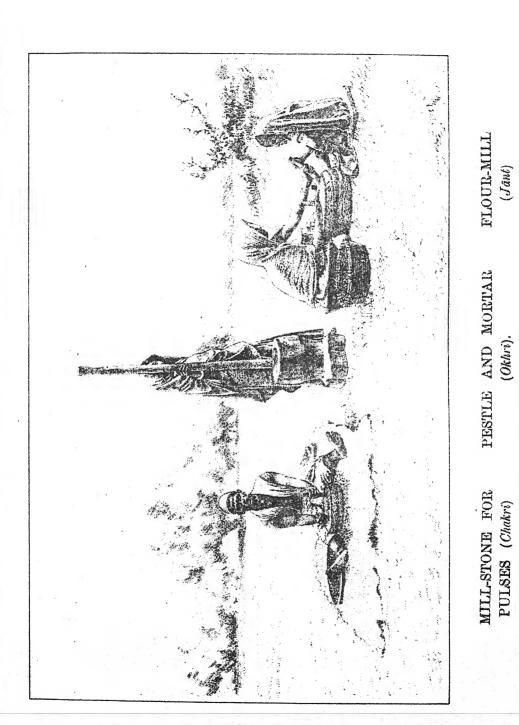
- 616. The mortar is ओवरी okh iri generally, local variants being ओवर okh ar in North-East Tirhat and Shahabad, आवरा okh ar in South-West Shahabad, and ओवजा okh alī in Gaya. In Patna an optional name is द्वारन kuradan, and in Saran धनद्वारो dhankuttī.
- 617. The pestle is HET musar to the West and HATE samath to the east. In Patna both words are used.

618. The iron ferule at the bottom of the pestle to prevent it splitting is साम sām, or in Patna, Gaya, and the south-east समीद्या samauā, and in Saran optionally समर्था samayāñ.

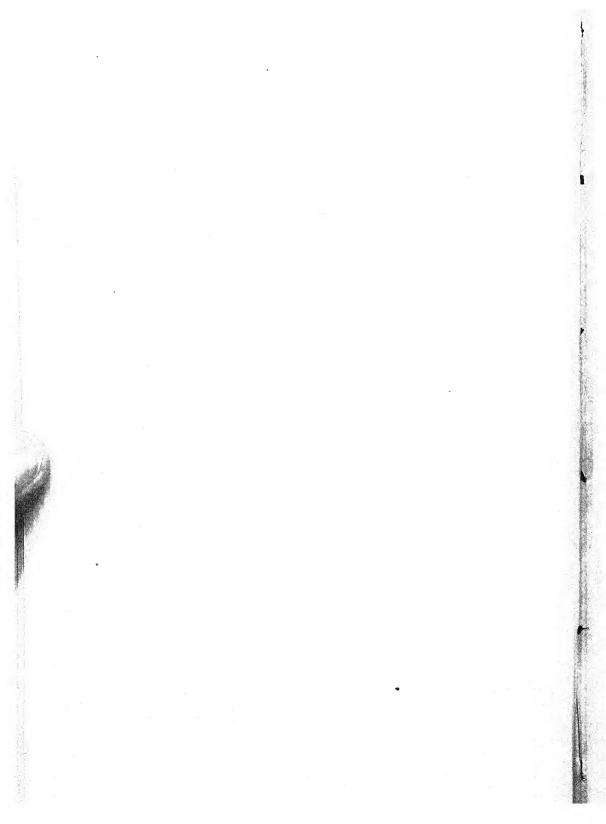
CHAPTER IV .- THE HAND GRINDING-MILL.

- 619. This is known as খাঁব jānt, খাঁবৰা jantwā, or খাঁবা jāntā. This is worked by two women. The smaller kind, used for breaking pulses and worked by one person, is খন্তবা chakarī generally, or খন্তবা chakkī to the west. North of the Ganges খন্তবা chakulā is a medium-sized one.
- 620. The upper stone is उपरोटा uprautā, and the lower stone तरीटा tarautā, and also south of the Ganges तजीटा talautā.
- 621. The handle of the large variety is হাছ hāthar in South-East Tirhut, and elsewhere হুখা or হুখা hatharā. In Shahabad it is লুখা jūā. That of the smaller variety is ছুটা khūnti. The axle is কিন্তা killā or (in South-East Tirhut) কাল kīl; and the feeding channel, মৃত্ত munh generally; also মালা gālī in Shahabad, Gaya, and South Bhagalpur, মন্ত্ৰী gallī in Saran and North-East Tirhut, মন্ত্ৰী galausī in Champaran, আইছ khoñich or ম্লিখামা galiyāri in North-West Tirhut, মন্ত্ৰী gatto in South Bhagalpur, and ঘাইখা ghariyā in South-West Tirhut.
- 622. The handful of grain poured into the mill is भौत jhīnk local variants being भौता jhīnkā in Saran, Patna and South-East Tirhut and भौता jhīkā in South-East Bihar. In South Bhagalpur it is also जायो tappo:
- 623. The wooden seat on which the woman sits is पीटा pirhā. A local variant is पीटी pirhī or (East) पोटिया pīrhiyā. A similar mud seat is ब सनो baisanī, or in Champaran ब उनी baithanī, and in South-East Tirhut ब सन baisan. In South Munger it is ब सना baiskā, and in South Bhagalpur ब सनो baisko.
- 624. To roughen the stone with a chisel is north of the Ganges হাঁমৰ tangab or হুমৰ tūngab to the west and কুবৰ kūtab to the east. South of the Ganges, to the west it is কুবল লাহৰ kūtab jāib, and to the east সুবাহৰ kutācb or কুবিইৰ kūtideb. The man who does this is called অনুসুৱা janākuttā. He uses a chisel, ইনী c'heni, and a hammer, অথুমা thapuā or হুখাৰী hathaurī.

625. The act or profession of grinding corn is fuelt pisan fuelt pisan fuelt pisan, and in Gaya fuelt pisai



PESTLE AND MORTAR (Okhri).



and its wages पिसाइ pisäi. A well-known proverb is बाइह्री पटना जोड़ा एक जाँत, jaīchhī patna jorā ek jānt, —'I go to Patna for a pair of mill-stones,' something like a Newcastle-man going to London to look for coals.

CHAPTER V.—The GRINDSTONE FOR SPICES.

- 626. This is सिलवट silarat or सिलीट silaut, and in Saran सिलावट silāwat; also in Patna, Gaya, and South-East Tirhut शिल sīl. To the south-east it is also पाटी pāti.
- 627. The stone roller used with it is and lorhā to the west and another name is as battā.

CHAPTER VI.—THE ROLLER FOR MAKING PASTE.

- 628. The rolling-pin is वेलना belanā ; also वेलन belan in Patna.
- 629. The paste-board is चौकी chauki to the west and पक्षा chakala to the east. In South-East Tirhut another name is चकोना chako-la, in Gaya चौकल chaukal, and in North-East Tirhut चक chak or चाक chāk.
- 630. The dry flour sprinkled on the board to prevent the past sticking is प्राचन parthan generally, with local variants प्राचन parthan; to the west and प्रोचन palethan in Patna and South Munger. In South-East Tirhut it is optionally called माइन mārā.

SUBDIVISION II. DOMESTIC FURNITURE.

CHAPTER I.—STOOLS.

- 631. Stools made of bamboo or reeds are High montha when large, and Hiller monthiya when small.
- 632. When made with a woven twine seat, a wooden framework, and four legs, they are called सचिया machiyā. Another name is सचीला macholā, current in Champāran.
- 633. When it has three legs, it is called तिपाइ tipāi north of the Ganges, and तेपाई tepāi or तेपइ tepāi south of it. In Shahabad a three-legged stool is called मेंच mench.

- 634. A wooden stool is, according to size, पौढ़ा pīrhā (large), पौढ़ी pīrhī or पिढ़ि pirhi (smaller), and पिढ़िया pirhiyā (smallest).
- 635. The wooden platform for sitting, sleeping, or bathing is when large, বভ্ৰমীৰ takhatpos, and when small ঘহনে patarā. ভীকী chaukī is used for both large and small kinds.

CHAPTER II .- THE BED AND COT.

- 636. A bed or cot is खाट khāt, खिटिया khātiyā, or पलझ palangā. When an ordinary bed, it is specially called चारपाइ charpaï or चरपाइ charpaï, and when a cot, खटोला khātolā or खटोली khātolī; also in South-East Tirhut खड़ला khātūlā. Another name is, पल शिया palangiyā or पल गरी palangarī in Shahabad and South Munger; another name is सजेगा sajeā or देजिया sejiyā, which is used principally in poetry.
- 637. The pillow is तिक्या takıyā or तिक्या takeā, also देख्या geruā in East Tirhut and सिट्नो or सिट्नो sirhāni in Tirhut and the west. The bolster is बालोस balīs, बिल्ला balistā, or (in South-West Shahabad) विजला bilasta. The side bolsters are बालो तिक्या baglī takiyā, and the heavy thick bolster for resting the back against is मसनद masanad or भी तिक्या gau takiyā. The bed clothes are विद्यामिन bichhānn विद्यान bichhanaā, or भेटम getam. The mattress or its equivalent is सीमक tosak. In Tirhut मोह्यमिन ochhānn or मोहीना ochhaunā are the bed clothes over the body. A patchwork quilt, &c., worn by the profer orders is मेंद्रा gendarā, (also in Champaran and to the east) स्थिद्रा khendhara, or सीनी sojni in South Bhagalpur, Patna, and Gaya, खिन्रा khenara or सानी sujni in Sāran and West Tirhut, स्ट्रा lendra in Shahabad, and गुद्रा gudara or खेना lewā to the west generally. In South Bhagalpur it is भीयरा bhotharā. See also § 731.
- 638. The legs of the bed are पौचा pauā, पाया pāyā, or पादा pāwā. The side pieces are पाटी pātī or पटी pattī generally, also पाची pāsā in Tirhut and South Bhagalpur. The end pieces are चूर chūr or चूल chūl. The head of the bed is सिट्राना sirhānā or सिट्रानी sirhānī north of the Ganges, also म रयारी murthārī in North Tirhut and सिर्मा sirmā in North-East Tirhut. South of the Ganges it is सिट्राना sirahānā (Shuhabad also सिर्मान sirahānā) or म रथारी murthārī, also सिर्मान sirahānā in South Bhagalpur. The foot of the bed is मोर्थारी gorthārī or मोर्थाया gorthariyā. In Shuhabad it is मोइनार gortār, and in Sāran यून्थारी gunathārī; also मेनलारो gonatarī north of the Ganges generally and in South-West Shahabad, पथीनी pathaunī in South-East and

पयाना prthānā in North-East Tirhut. South of the Ganges we find optionally पैताना paitānā in Shahabad and Patna, पौताना pautānā (also in South Munger) or पोयानी pothāni in Gaya, and पौयाना pauthānā in South Munger.

The network at the bottom is fariaz bināwat or faris 639. bināi, or in East Tirhut घोराइ ghorāi. In Patna and Claya it is बोनन binan or विनौट binaut, in Shahabad विनाव binaw, and घोरन ghoran in South Bhagalpur and South Munger. When this is made of one string, the bed is said to be unafaur ekabadhina; of two strings. दोवधिया dobadhiyā; of four strings, चौवधिया chaubadhiyā (west); and of six strings, इनिया chhabadhiyā. In South Bhagalpur the words एक-मोटिया ekagosiyā, दुर्गािया dugotiyā, चरमोटिया ekaragotiyā, and इमोटिया chhagotiyā are used. In South Munger they are ए क्रजोरिया ekajoriyā, &c. The strings at the bottom by which the netting can be tightened at pleasure are आरचन orchan or ओरदवानी oradawānī in Tirhut and the west. In Saran and Patna they are ओ (चन orac'an or ओहवाइन odawain. In the east they are अश्व aranch. Other local names are आनचन onachan in South-West Shahabad, जोराइन odain in Gaya, जाईवाइन ardawain to the east, छोट्।न odan in South Munger, and वाध badh or मत्।न g stan in North-East Tirbut. The thick rope at the foot to which the netting is tied is विधवानी sidhawāni in the north-west : also साँडी mānhi in Champāran. In South-East Tirhut it is अजनाइन ajawāin. In Patna it is मार māin, in Gaya में आर meār, in South Munger माइन māin, and in South Bhagalpur नान ban or मैन māin. Elsewhere it is also called छोरदवानी ordawani. The string tied to the side as the netting is being made is बर्जा baruā in the north-west and south. In Tirhut and the east generally it is खोना oj hā, or in South Bhagalpur also जमीआ jamauā. When the netting is unished this str ng becomes useless, and villagers believe that if it be thrown across the door of a house the members of that house will quarrel amongst themselves. The sin sog or sia sok are the large spaces in the netting along the frame of the bed.

CHAPTER III.—THE WEIGHING-SCALES.

640. The large fixed scales are হারেল rātal, local variants being নারল rātul in Shahabad and হাইল rātan in North-East Tirhut. In South Bhagalpur they are কাঁহা kāntā, which elsewhere means the small scales. Another name in the same place is নাকাঁহা mankāntā. The small scales are বালে tarājū, local variants being বালেই tarjūī

in the north-west, বৰে tarajū in East Tirhut and South Munger, and বৰে আন tarajūā in South Bhagalpur. Other names are কাঁহা kāntā and হকীয়া takaurī in the west and Patna and Gaya, and ঘৰিয়ানী pariyānī in Patna and Gaya, which principally refer to goldsmith's scales. In South Bhagalpur নুৱা tūl is a weaver's scale for weighing thread or cotton.

- 641. The pans of the scale are uল্য or (in Patna and Gaya) ঘলভা palarā. In South Bhagalpur they are also called ভলনী dalanā or ঘলা pallā.
- 642. The strings of the scale are called ননী tanni (except in the east), a local variant being নানা tānī in Gaya. In the east they are জীনী jotā or (in South Munger) নানা jotā. In Patna optional names are ভাগা dorā and নামা bādhā.
- 643. The weights are azati batakhara or atz bāt. make weight put into one scale to make the balance true is usat pasangha local variants being (East Tirhut) usangh and (Patna, Gaya, and South Bhagalpur) usut pasangā. In Patna and Gaya and South Munger it is also called utt dhārā.
- 644. The beam of the scales is ভত্তী dandī. In the south-east the beam of a jeweller's scale is নিনা nittī or নিনা nīktī. The indicator is দুৱ ঃয়ঁঃ.
- 645. A false balance is नेवत newat or नेवता newtā to the west and in Gaya. In East Tirhut it is चेवत lewat, and in Champaran नवता nawatā. In South-West Shahabad it is जीयत jīyat or जीता jitā, and so also in Gaya and South Munger. In Patna and Gaya it is मा कत jhukatā, and in South Bhagalpur जीती joti.

CHAPTER IV.—NETS.

646. A small fisherman's net is বাৰা jāl or বাৰী jālī, and a মহাবাৰ mahājāl is one of a larger size. North of the Ganges and in Shahabad a মুট্ৰ kurail is a net fixed in the water with six sticks and worked by one man. In South Bhagalpur it is ছাইৰ kharail. A similar net with three sticks is বিষয়ে bisārī north of the Ganges and in South Munger; also বিষয়ে bisāri in Champāran, and বিষয়ে bisār in Champāran Gaya, and South-East Tirhut. In North-East Tirhut, however, it is called দ্বৰায়ে khansārī, and in South Bhagalpur বাষা chaundhā. A casting-net is দ্বৰা phekail in Patna, Gaya, and Sāran, উম্khep to the west, and মুনীয়া বাৰ ghumauā jāl in Tirhut and South Munger; also

in North-East Tirhut खिपयार khapiyar. In South Bhagalpur it is पेका phekā. The iron or earthen sink-balls attached to it are विटवन batiwan and azan batawan to the west, and until paunri in North-West Tirhut. In South Bhagalpur they are भौदिया bhontiyā. A net attached to two poles and worked by two fishermen is sigl donrivin Patna, Gava, and the west, and sis dong in Champaran. Other fishing-nets are बतेबी ghanaili and पसर pasrā to the west, and शिर्शिश girgāirā, a small variety, used in Gaya and the south-east. In the same district and in Champaran आका okā is a bag dragged through the water for catching fish. In Champaran and North-East Tirhut zrut tani. in Shahabad Ziy tap, and in South Bhagalpur will arasi, is a kind of bamboo fish-net, and মাৰ gānj or মাৰী gānjī is a horn-shaped baske t for catching fish. The man who works the last is called using gajawah. In this connection may be mentioned a fish-trap used in Gaya called fulle chilaund (see, however, § 605). Fish caught in this are kept in a pit, called atq āpā. A kind of pit used for catching fish is called in Gava wear pharka. A net for catching birds is an ghani north of the Ganges; also पान phan or पानी phani in Champaran and Tirhut, and पाँदा phanda in Shahabad. South of the Ganges the बंडियारी batiyari is a net used in the daytime, and TTAT chātar one used at night for catching birds.

- 647. North of the Ganges the मोला jholā or मोलो jholā is a net used by cartmen for feeding bullocks. To the west it is मोरो jhorā and elsewhere south of the Ganges जहा jallā. जाला jālā is a net for carrying grass. A local variant is जहा jallā in Sāran and South Munger. In South Bhagalpur it is द्याद kapāï.
- 648. To the west (including Patna and Gaya), and in Tirhut [East sikahar is a net for hunging up pots, &c., in a house, Other names are elias sinkā (Patna and Gaya), elas sīkā (Sāran, Champāran and the east generally), and elas sīk also in North-West and South Rast Tirhut. elias khānjī in North-East Tirhut is a net for holding fruit.
- 649. The stick or rope for hanging up clothes is अर्गने aragenī in Sāran, Champāran, Patna, and North-East Tirhut, अरगने araganī in Shahabad and Tirhut, अस्मने asaganī in Tirhut (optionally), Shahabad, Patna, and Gaya, and रंगने regani in Shahabad. Other names an देशना tanganā in Patna, Gaya, and South Munger, दंगने tanganī or दीन daunī in Patna and South Bhagalpur, and रियामा iiyatā in Shahabad

A frame used for the same purpose is zer thatari to the west and earl chhatari in North-West Tirhut.

- 650. A cord net for carrying goods on the head is বৰ্ষা jalakharī in West Tirhut and to the north-west, and ব্যালী jālī in Shahabad, South Munger, and Tirhut. In the south-east it is ব্যা jallā.
- 651. The net used by bearers with the sling pole (बहंगी bahang i or, in North-East Tirhut, बहिंगा bahingā) is generally सिक्ष sikahor, but बीका sākā in the south-east, सिका sikkā in Gaya, and बीक sik (optionally) in North-West and South-East Tirhut.

CHAPTER V.—THE PAD USED FOR SUPPORTING WATER-POTS &c., ON A WOMAN'S HEAD.

652. This is बिट्डा bitthā, बीटा bītha, or बीटो bitho to the west and in West Tirhut. In Patna, 'aya, and the south-east it is बेटो netho or बेट आ nethuā. Another name is गेंड् आ genruā to the west and in Gaya and South Munger, गेंड् जो genrulā in Patna and Gaya, and गेंड् डो genrurā in Tirhut. Another name (only noted north of the Ganges) is विडिया binriyā in Champāran, विंड्डो binrari (a small kind) in Sāran, बेंड्डो bīnro in East Tirhut, and विंड्डा binruā in Tirhut generally; yet another name is जारी lajurā in South-West Shahabad.

CHAPTER VI.-THE STICK.

- 653. The ordinary long stick is ৰাতা iāthī (also ৰত lath in Patna). Other names are ৰাখি laur (north of the Ganges) or ৰাখা lāur to the west, and ৰহনা satakā north of the Ganges. The butt end of this is হুবা hūrā north of the Ganges and in Patna, হুবা hurrā in Shahabad and the south-east, হুবো hutthā in Gaya, and মান্তা goā in South Munger optionally.
- called चाटा sontā or चोटा sotā is a stout short stick. It is also called चाटा dantā, and in Champāran उटोका dataukā. A thin stick is इसे chharī, and to the west, including Patna and Gaya, मोजो gojī. Other names are हाजन chhākān in Champāran and North-West Tirhut and हजनो chhākāni in South Bhagalpur. A thick walking-stick is स्ता dāng, and also, to the west, जनहा labadā, and a similar one, used principally by old or lame men, is देश्वी thenghuni. This last is also called देशेंदी thegunrā in Champāran and West Tirhut, देश theng or देशी thengunā in Shahabad, and देशा thengā in the south-west of the

same district. In South Bhagalpur it is टाँगनी thenganī, and elsewhere टाँगी thengī. वेसाखी besākhī is a crutch. In Shahabad पटबन prtakan is a walking-stick. A piece of split bamboo used as a stick is पट्टा phatthā, पटी phatthā, or पराटी pharāthī. It is also called वेसपट्टा bansphattā or वंसपेंटा bansphentā in Patna and Gaya, and बसी hattī in the south-east. A heavy stick is वाँग bong, or to the north-west बजर वाँग bajar bong.

655. The following Hindi lines in praise of the stick are very popular in Shahabad, a district famous for its club-men:—

वाठी के गुन बहुत हैं चहा रिख्ये चड़ा।
गहिरी निदया नाज जहं तहाँ बचाने उपड़ा।
तहाँ बचाने उपड़ भाषट कुत्ते की मारे।
दुसमन दानागीर हो उन के मस्तक फारे॥
कह गिरुधर किव राय बात बाँधो यह गाँठी।
कमर किये तरवार हाथ में राखी वाठि॥

Lāthi men gun bahut hain sadā rakhiye sang, Gahirī nadiā nāla jahan takān bachāwe ang. Tahān bachāwe ang jhapat kutte ko māre, Dusman dāwāgīr ho un ke mustak phāre. Kah Girdhar kabirāy bāt bandho yah gānthī, Kamar liye tarwār, hāth men rākho lūthi.

A stick has many virtues, you should always have with you:—
If the water in a river or canal is too deep, it saves your limbs.
It also at once saves you by hitting dogs,
And if you meet wicked enemies it can dust (lit. trans.) their heads.
Saith Girdhar, the prince of poets, Ever bear this in mind
Wear a sword in your belt, but carry a club in your hand.

CHAPTER VII.-BOXES.

656. North of the Ganges चतुष्ठ sanākh or (in Sāran and South Munger) चन्द्र sandākh is an ordinary box. South of the Ganges it is सन्द्रक sandāk, and in Patna and Shahabad सन्द्रक sanāk. A small box is सन्तर्भ kanator or बाक्स bākas (box). South of the Ganges it is संद्रकची sandukachā, or सत्त्रची sanukachā, the latter chiefly in Shahabad and the extreme east. पीता pautā or पीती pautā, or (in South

Bhagalpur) पाँती pauntē, is a little box made of bamboo slips, and मोना monā (Champāran) or मौनी maunnē are similar ones made of straw or of bamboo slips.

- 657. पेटाटा petārhā or पेटाटी petārhī, and also south of the Ganges पेटारा petārā or पेटारो petārī, is a light travelling box or basket for clothes, &c., carried by a man on a sling bamboo, as in the proverb थाकत बाद के पेटार भारो thākal barad ken petār bhārī,—for a tired bullock even a basket is too heavy. Other names are खारो sakhāri in South-East Tirhut and काँपो ihāmpī south of the Ganges and in Champāran. The sling bamboo is called बहेती bahangī, or in North-East Tirhut बहिता bahingā; also समाधारी in Champāran and North West Tirhut, and खिनापटरें sikpataï in East Tirhut.
- 658. The ভিৰিষ dibiyā is a small box for jewelry or other valuables. In Patna and Gaya it is ভিলা dibbā, and in Sāran also ভাষা dībā.
- 659. The चुनौटी chunautī is a box for carrying the line (चून chūn or चुना chunnā) used with betel. In Champāran and North-West Tirhut it is called चुनहा chunhā.
- 660. The box in two parts for holding betel, &c., is प्नव्टा panbattā or वेजहरा belaharā. Local names are प्नोटी panautī (Shahabad), प्नव्टी panbattī (Champāran and South-East Tirhut), वेजहरी belahra-(Patna and Gaya), and विरह्स biraharā (Champāran and East Tirhut).
- 661. The box in which the अवटन abatan, or cosmetic which is rubbed on the bride at a wedding, is kept is होनी doki in Shahabad, and बोशिना sogilā or सनस्तिना sansogilā in the south-east. Elsewhere it is साजा mālā, &c. See below.
- 662. The box used by women for carrying red lead is titles sindhorā when large, and ant kīyā when small. The box in which they carry the vermilion which they put on the parting of their hair is titles ingrants or tault kiyaurs. It is also titles hingors in North-East Tirhut and unit sapri in South-East Tirhut.
- 663. A HIST mālā, HIST malwa, or HIST maliya is a box for holding oil. It is also called HIST malasī in North-East Tirhut, AUTET telahandā in Patna and Gaya, and AUTET telbhançā in Shahabad.

CHAPTER VIII.—METAL VESSELS USED IN COOKING AND ORDINARY DOMESTIC PURPOSES.

- 664. The vessels ordinarily used by Hindus are as follow:—
 तस्त्रा tasalā or तस्त्राचा tasalawā, made of brass (पोतर pītar), a
 d vessel used for boiling rice. About two sers of rice can be cooked
- round vessel used for boiling rice. About two sers of rice can be cooked, in it.*
- 665. तबला tasali, a similar vessel of smaller size. In Shahabad it is called तौली taulī.
- 666. ৰহ আ batuā or ৰহ battū, a vessel made of alloy [মুল phūl বৰন্থ kasakut, or (Gaya) মাহে bharith]. This is used for cooking rice, and about a ser of rice can be cooked in it. It is comparatively higher and narrower than the নৰ্ভা tasalā.
- 667. बटनोही batalohī or (north of the Ganges) बटनो batulī, a smaller similar vessel, used for cooking pulse or meat.
- 668. प्रतिको patili of copper (तांबा tambā) or alloy. It has a narrow flat mouth, and is used for boiling meat.
- 669. ছাড়া handā, ছাড়া hanrhā (Patna and the south-east), ভাভোড়া kharakhandā (Gaya), or ভাভাছো khankharaharā (Champāran and North Tirhut), is a very large copper vessel for boiling rice. When used by mendicants (মনীয় phakīr) it is called by them তাননা tokanā.
- 670. वामो tāmi or विभाग tamiyā, is south of the Ganges a large brass vessel, broad at the bottom, for cooking pulse at marriages, &c.
- 671. This (to the north-west and in Gaya) is a large iron pan capable of boiling as much as twenty sers of rice.
- 672. attjat baragunā. This (in North-West Bihār) is a small brass vessel with an erect rim for boiling rice, pulse, &c.
- 673. कराही karāhī or कड़ाहो karāhī, and to the east and in Champāran जोडिया lohiyā, an iron or brass broad shallow pan with handles (करा or कड़ा karā), generally used for cooking vegetables.

^{*}About this vessel there is a story. Once upon a time all the people of Bhojpur, in Shahabad, were robbers. When a traveller passed through one of these villages, they used to seize his cooking-pot, saying "Audi all traveller replied "All tosalā for kī more,"—"Is the pot mine or yours?" If the traveller replied "All more," "mine,", shey would set upon him and beat him and rob him of the vessel by force. If he said of tor," "yours," they used, on his own admission, to take it from him and let him go peaceably. Thus, in any way, they plundered him. Hence the saying audit all totals for ki more has passed into a proverb, of which the application is easy to see.

- 674. बहुगुना bahgunā, an iron or brass cooking-pot with straight edges and a handle.
 - 675. तमहेड़ी tamherī, a round copper vessel.
- 676. तदा tawā, तादा tawā, or (Patna and Gaya) ताद tāi, an iron griddle plate.
- 677. कटोरा katorā to the south and north-east, कचोरा kachorā in Sāran and Champāran, इसा dubbhā in Sāran and Champāran बाटी bātā in Tirhut, and चिंदिवाटी menhibātā in South-East Tirhut is a vessel used for eating from, with a projection at the bottom on which it stands.
- 678. The तस्तरी tasatarī (north of the Ganges and in Gaya, Patna, and South Munger), द्विपुती chhipulī to the east and in Patna, TH jām in Patna, Gaya, and the south-east, and क्यतरी kasatarī in Shahabad, is like the कटोरा katorā, except that it is flat-bottomed, and has no stand.
- 679. In the south-east the भारता jharakā is a deep pan for eating; the कथन पूरी kanchan pūrī, a shallow one; and the आरंज agrails one with the edges straight and short.
- 680. The धारी thārē or धरिया thariyā, also क्लीपा chhēpā, and in Patna and (faya) खोरी khorē, is a flat pan from which food is eaten. The मर्जाया धारी malangiyā thārē has straight sides, and the मिर्जापुरी mirjapurē has curved ones.
- 681. परात parāt, a large flat pan like the पारी thārī, except that its sides curve gradually up to the top.
- 682. टॉटो thānthī or टॉटो tanthī is a dish like the धारी thārī but made of bell-metal (कॉसर kānsā).
- 683. $\forall a_{\lambda} dabb\bar{u}$, a brass or iron spoon, of which the bowl is deep and broad, principally used at marriages.
- 684. क्षम् a kalachhul or करक्ष karachhul is a spoon. कलक्ष kalachha in South-West Shahabad means an iron spoon, and क्षम् kalachhi in Sāran, Patna, and Gaya a brass or iron one.
- 685. North of the Ganges and in Shahabad इनोटा chhanautā or जारना jharanā, and in Patna, Gaya, and the south मंभरा jhanjhrāi is a cullender or iron sieve with a handle. In North-West Tirhut it is also called धनोटा sanautā, and in North-East Tirhut महामा jhānjh.
- 686. पौना pauna or (South-East Tirhut) पौनिया pauniyā is an iron cullender or straight-ladle.

- 687. The जोटा lota is used for drawing water and drinking.
- 688. The মাজু আ geruā or ছয়তা hathahar north of the Ganges, Patna, Gaya, and Shahabad, also আৰ্বা sobarnā in North-East Tirhut, and সাবা jhāri in Champāran, Patna, Gaya, and to the south-east, is a kind of lota with a spout (ইহি tontā). It is generally made of a white alloy (ছুল phūl). The মাঘৰ ডিজ্লা mādhab singhā (North-East Tirhut) is a knd of drinking-vessel invented by Mādhab Singh, a former Mahārāj of Durbhanga. It is shaped like a globe surmounted by a funnel. The globe has a spout, and the whole stands on a pedestal.
- 689. तमहा tamahā north of the Ganges, and मारी jhārā south of it, is a similar vessel made of red alloy (क्षत्र kaskut). Both the last two are used for drinking.
- 690. अवसीरा abkhorā or अमसीरा amakhorā is a drinking-vessel, the sides of which are broader towards the mouth, and it is provided with a stand (गोड़िया goriyā) at the bottom. It is also called खोरा khorā In Gaya इस्मा dubbhā is a large cup, and in South Bhagalpur बोटकी lotakā.
- 691. inside gilās (glass), similar to the last except that the sides are straight or only slightly curved. It sometimes has no stand and is flat-bottomed. It is, in fact, modelled closely on the lines of a European peg-tumbler, but is of metal.
- 692. বৃহা battā (Patna, Gaya, and North-East Tirhut), a kind of large metal cup. বাহা bātā is a small one.
- 693. गगरा gayrā, or (in Champāran and Tirhut) तमचेल tamghail or तमचेला tamghailā, (in Gaya) वसनी basānī, and (in Champāran, Patna, and to the south-east) क्लासी kalasi,—a copper or brass vessel used for drawing water from a well.
- 694. होन dol or कूंड़ kūnṛ, an iron vessel for drawing water from a well.
- 695. जोहरा loshearā or जोहरी lonhārā, a small iron pan. In the south-west also used for drawing water from a well, like होन dol. North of the Ganges it is also called जोहिया losiyā.
- 696. ETL chhonrh or HZ, AT matukā, a copper or brass vessel for storing water in.
- 697. The सुराही surāhī or बोराहो sorāhī is used for keeping water. जनभरो jaladharī (North-East Tirhut) is a water-pot.

- 698. अमतावा aphatābā or अमताया aphatāyā, a water-ewer used for washing.
- 699. चित्रिमची chilimachī north of the Ganges, चित्रिपची chiliphachī in North-West Tlrhut, चित्रमची chilamachī south of the Ganges, and वित्रपची silaphachī amongst Mahammadans, used for washing.
- 700. बरपोच sarposa, द्वना dhakanā, or द्वपना dhapanā, a cover for other vessels.
- 701. मिलिया maliyā or (Gaya) मिलिया malhiyā, a small cup for holding oil. Sometimes it is made of wood.
- 702. होयट dīyat or होवट dīwat or चिर्कहान chirakadān (north of the Ganges), बरहवान baradoan (Gaya), and चिरागहान chirāgadān (Shahabad and South Munger), is a lamp-stand. In North-East Tirhut it is होचाटि dīathi, and in South Bhagalpur हिपरा diparā or दिपहरा dipaharā.
- 703. বিদ্যা chimatā or বিজ'লা siūnthā, jalso বুলা chūntā, a pair of small tongs used for arranging the fire or turning over cakes on the griddle.
- 704. संद्वी sanrasī, or (to the east) वानली bawalī, or in South-East Tirhut नगुली bagulī, tongs used for removing the pot (बट जी batulī, &c.), from the fire.
- 705. खोरना khoranā or खोरनी khoranī, also खराइ sarāi (North-West Tirhut), उटनन utakan (Patna, Gaya, and South Munger), एकटा ekathā (Champāran), and जोपन lopan (East Tirhut), is an iron or wooden poker. पिद्वार pihakar (Shahabad) is a wooden poker.
- 706. इसाम जिल्ला imam jistā or (to the south-west) द्वावन एला hawan dastā, or (South-West Shahabad) निमहत्ता nimadastā, or (South Bhagalpur) इसाम दिला hamām distā,—a pestle and mortar for grin ling spices, &c.
- 707. पिक्टान pikadān or पिक्टानो pikadānī, also to the west and south उग्रस्तान ugaladān, (in l'atna and Gaya) optionally चिर्मिनो chirmichchī, and (in South Bhagalpur) पिर्मिटान piragdan, a spittoon. To the east and in Patna it is also पिरिक्टान pirikadān.
 - 708. पनदान panadan or पनवटा panabattā,—for keeping betel.
- 709. चेना levā, or in Patna and Shahabad चेनन lewan, and in the south-west of the district चेन leo, is ashes plastered on the cooking-pot to save it from fire.

- 710. The handful of straw, &c., used for cleaning metal vessels is a unit lunca. In South-East Tirhut it is optionally a nunra. In South Bhagalpur it is a nuro, and in South Munger quet nunda.
 - 711. Musalmans generally use the following vessels:—

पतीला patīlā, a large copper vessel for cooking rice.

पतीकी patīlī, हमचो degachi, or डेमचो degachī, a similar vessel smaller in size.

हैत deg or डेंग deg, a somewhat larger pot for boiling.

बधना badhana, the same as the Hindu जोटा lota, but with a spout.

वसनी badhānī, a similar vessel of smaller size.

कहोरा katorā, similar to the Hindu vessel, but made of copper.

पियासी piyālī, a cup.

पियाचा piyālā, similar to the last, but larger.

शिकाकी rikābī, a saucer.

নৰান tabāk, বিন্দা jibbhā in Champāran, or নৰান্ত tabākh south of the Ganges, a broad flat washing-vessel.

THEI chimata, &c., the same as used by Hindus.

सर्पोस sarposa, ढकना dhakanā, or ढपना dhapanā, cover for other vessels.

चिल्मिची chilimachi, &c., the same as for Hindus.

अप्रताबा aphatābā, the same as for Hindus.

तसत tasat or (when smaller) तसतरी tasātari, a broad flat dish.

सेनी senā or (in South-East Tirhut) चेन sain, a broad shallow tray.

ग्रागरा gagarā, &c., as for Hindus.

स्त्रान lagan, a large vessel for storing water.

कराहो karāhī, &c., the same as for Hindus.

कारना jharanā, छ्नौटा chhanautā, &c., as for Hindus.

पनवटा panabattā, &c., as for Hindus. The द्वसनहान husundān or (Gaya) कुत्ता kuttā or कुत्ती kuttā is similar, and contains additional compartments for lime.

खाबदान khasadan, for keeping pan or betel, with a cover.

The खिलाबट्टी khilabattā is used for keeping ready rolled up betel leaves, with the nut and lime inside ready for use (test) khilli).

पिकहान pikadān, &c., as for Hindus.

सोराही soraki, &c., as for Hindus.

Lamp-stands, viz., फतील खीज phatīl soje, and in Saran also पटील मोज patīl soje, of brass; चिरागहान chirāgadān, of wood; हीवट dīwat, &c., (see Hindu articles) of iron ; and बद्दान badawān, of bamboo slips.

तावा tāwā, &c., as for Hindus.

इस्तपनाइ dast panāh or इस पना das panā, tongs.

सिंखचा sinkhachā or सीख sīkh ; also north of the Ganges याज ga; a spit.

ह्न्ब्र् dabbū, as amongst Hindus.

CHAPTER IX.—EARTHEN VESSELS.

- The number of these is very large, and varies in each district. The following list does not profess to be exhaustive. It is in alphabetical order.
- 713. When a new earthen vessel is taken into use, it must first be used by a member of the family and not by one of the servants of the house; otherwise it is considered impure. This is considered as a dedication of the article to family use. To dedicate an article thus is उड़ाइन uṛāhab, or in South Bhagalpur उढ़ाइन uṛhāeb, and in Sāran उड़ाओन urāol or अंवासन anwāsal.

करिया arhaiyā, a vessel containing two and a half sers. In North-

East Tirbut it is made of brass.

ज्ञथरा atharā, a pan for making dough. ज्ञथरी athari is a smaller one used (in Gaya) for holding water, washing clothes, and roasting poppy-flower cakes.

अधकर adhakar (east), a vessel used in distilling.

अबद्दोरा abakhorā, a drinking-vessel.

कंटिया kantiyā or कटिया katiyā, a little vessel with a long neck. Cows are milked into it.

कत्ती kattī (Patna, Gaya, and Sāran), or गत्ती gattī (Shahabad), a round potsherd used by boys in playing.

क्परी kapatī, a kind of cup.

कार karai (South Munger), a water-vessel with a spout.

सरना karanā (Sāran), an earthen vessel in which milk is boiled, also (North-West Tirbut) used for holding curds.

 $\pi \pi \pi karaw\bar{a}$ (West Bihār and South Bhagalpur), a water-vessel with a spout.

करिंद्या karahiyā, for boiling milk = कराही karāhī.

कराही $kar\bar{a}h\bar{i}$ (north of Ganges) an earthen pan in which clarified butter (ञ् $ghy\bar{u}$) is cooked or milk boiled.

क्लमा kalasō, क्लमी kalsi=a घेला ghailā, especially when ornamented with lime and colours at weddings, &c.

क्रमता kasatarā (south-east), a saucer for holding curds.

कसतरी kastari (south-east) = तसतरी tasatari, q.v.

কু'ৰ kūnr (west and Patna), a large vessel for holding grain and food.

কুৰা kūnrā (north of Ganges), an earthen vessel in which sweetmeats or balls of rice mixed with sugar (কাৰে kasār) are given to daughters when going to their father in-law's house. In South Bhagalpur it is ক্ৰো kundā.

क्रियां kurhiyā (South Bhagalpur), a small vessel for milk.

मुख्र kundā (Champāran, Shahabad, and South Bhagalpur), a large flat jar. See also क्रंड्र kūnṛā.

कोहा kohā or पत्नी patukī, a small round wide-mouthed vessel for curds, or for cooking. कोहिया kohiyā (Gaya) is a smaller variety.

खपड़ा khapara, tiles.

earthen griddle for making bread or parching grain. When used for parching grain it is made by breaking off the top of a चैं बा ghailā, but that used as a griddle is specially made by the potter. In South Bhagalpur it is also called चिंद्या chariyā.

खपरोड़ी khaprauri (Gaya and West Tirhut), a pot for removing the afterbirth, &c., when a child is born.

खलची khalachī (Shahabad), a little platter.

खापरि khāpari. See खपड़ी khaparī.

खादा khāwā (South Munger), an earthen cooking-vessel.

attal khākhi (Tirhut), a vessel for holding oil.

En khūm (Patna), a large flat jar

round earthen vessel used by saltpetre-makers (नानिया noniyā) for holding the mother liquor; also (to the east and in Gaya) a large jar used for various purposes.

मारी gagari, a vessel used for drawing water.

गत्ती gattī, see कत्ती kattī.

ग्रमसा gamalā, a flower-pot.

गुड़की gurakī, a drinking-vessel, epecially for drinking spirits.

चड़ा gharā,—see चे सा ghailā.

घरिल gharil,—see घेला ghailā.

चरिया ghariyā (Shahabad), a drinking-vessel.

बुद्धी ghuchchē (Sāran), a little dish with a narrow neck.

द्वारिकी ghurili, a little vessel with a narrow neck.

चैता ghailā, चैता ghailī, घड़ा gharā, or घरित gharil, a vessel for holding or drawing water. (See बसनी basanī, डावा dābā.)

चही chatti (Patna and Gaya), an earthen cooking-dish.

चिह्या chariyā,—see खपन्डों khapandī.

च्या charuā, चर्ड charuī (south of Ganges), a vessel for holding grain or for cooking = चॅरजा cheruā.

বিবাৰী ছাঁড়া chikani hānrī, a vessel for cooking vegetables, pulse &c. After using it for several months it becomes polished and durable owing to the oil and butter cooked in it.

चिराक chirāk (South Tirhut and the west), चिराम chirāg, a lamp-

चित्रम chilam, the bowl of a pipe.

चक्दो chukarī (south-east), a drinking-vessel.

चुकानी chukanī (Gaya), a small earthen jar.

चुक्कड, चुक्कर chukkar, a vessel with straight sides and a very short neck, used for drinking.

चुका chukkā, a drinking-vessel.

चेत्रज्ञा cheruā, चेत्रई cheruī (north of the Ganges and east), an earthen cooking-dish or for holding grain = चत्रज्ञा charuā.

चाँपो chanmpī (Patna and Gaya), an earthen vessel in which milk s boiiled.

ह्यान chhanān (Tirhut, Patna, and Gaya), a vessel with cloth at the top for straining toddy.

with chhonrh (to the west), a large earthen jar.

with chhonrhi (north-west), a vessel for keeping water or grain.

sici jālā, a water-jar.

ment jhajjhar, a croft for keeping water.

habahī, an earthen vessel into which cows are milked.

anti jhāri, a vessel with a long spout.

टरिया tariyā (Champāran and the east), a small oil-pot.

टाइ tār, टाइर tārā (Gaya), an oil-pot. A smaller variety is टाइरे

टर'या tuniyā, a drinking-vessel.

ट्याँ tuān. ट्रें tuēn (Patna and Gaya and South Munger), a drinking-vessel with a spout.

हें इस teharā (Gaya and South Bhagalpur), a kind of pot for milk.

Zi[zal tontiya, tile used as a water-spout at the eave of a house.

विलिया thiliyā, a vessel used for drawing water.

डबरी dabarī,—see डिबरी dibarī.

हावा dābā, a vessel used for drawing water smaller than a वसनी basani and a चेला ghailā. In South-East Tirhut, used for boiling milk.

डिवरी dibari, and also in Shahabad डवरी dabari, same as समस्क

sanahak, but smaller.

চন্দ্ৰ dhakanā or (east) ঢাক্ৰি dhankani, a cover for other vessels.

दिमका dhimaka (South Bhagalpur), a saucer used as a covering for other vessels.

तरकटो tarakattī, the vessel in which palm-juice (ताड़ो tārī) is collected at the foot of the tree.

तवाक tabāk (Patna and Gaya), a little platter (generally of iron).
तवाकी tasatarī, a saucer used by Muhammadans. When made of

brass, also used by Hindus. Cf. adati kasatari.

brass, also used by a state of Ganges and Champaran), a griddle for making train (south of Ganges and Champaran), a griddle for making bread; a kind of shallow pan, with an edge for lifting it up by.

तेवाहाँकी telahanre, तेवाहणा telahanda, a vessel for holding oil.

নিবাৰ telay, an earthen vessel for cooking oil or clarified butter আনু $(ghy\bar{u})$.

तौला $taul\bar{a}$ (north of Ganges, Gaya, and the south-east), a large earthen dish for cooking.

द्यारी thapari (Patna and East Tirhut), a vessel for measuring milk. याज thāl, a platter.

হৰকাৰ dabakan (Gaya), a saucer used as a cover for other vessels. হৰাৰ dawāt, an ink-stand.

इन्हें dahenri or (Patna and Shahabad) इन्हों dahari, for holding tyre (इन्हों dahi).

दियरी diyarī (north of the Ganges and south-west), दियारी diyārī (North-East Tirhut), a very small lamp-saucer.

दिखरी diuri or दिखली diuli, a very small lamp-saucer.

होप dīp, a lamp-saucer.

होया dīyā, a lamp-saucer.

at diri (south-east and Gaya), a very small-saucer.

En deg, a cauldron.

निह्या nadiyā, for keeping tyre (इही dahā).

नहोद naaoi (Gaya), an earthen cooking-vessel.

निश्चा nariyā, a kind of tile (खपड़ा khaparā).

নাই $n\bar{a}d$ or (east) বাই $l\bar{a}d$, a large earthen basin or bowl used as a feeding-trough and for other purposes.

पतिला patilā (Sāran, Patna, and South Munger) or पतीला patīlä (Sāran and Gaya), an earthen cooking-vessel.

पत्की patukī (west), a small round wide-mouthed vessel for keeping tyre or for cooking.

पनचोरा panachorā (south of Ganges), a vessel used in distilling. परका parachhā (West Tirhut), a large jar for water.

utts parāi (South-West Shahabad), a saucer used as a cover for other vessels.

परिया pariyā (Patna), a saucer used as a cover for other vessels.

पिटीचा pitauā (Patna), a small earthen pan.

पियाला piyālā, पंचाला peālā, a drinking-oup.

फुची phuchchī (South-East Tirhut), a vessel for measuring milk.

 $\sqrt{ph\bar{u}r\bar{v}}$ (South Bihār), a saucer used by Musalmāns in feasts of the brotherhood.

वधना badhanā, a water-vessel with a spout.

विका barukā (South Tirhut), a drinking-vessel.

वसनी basanī, a vessel for holding or drawing water, smaller than a देश ghailā and larger than a डावा dābā.

वहना bahanā (Patna and South Munger), a large flat jar.

विधार bithar (Patna), a large dish.

समका bhabhakā, a vessel used in distilling.

भक्का bharukū or भक्की bharukī, a drinking-vessel.

भाँड्रा bhanrā or भाँड् bhanr, a vessel with a neck for milk or clarified butter ($\mathbf{v}_{a} ghy\bar{u}$).

सुरका bhurakā, सुरकी bhurakī (in Tirhut), a drinking-cup.

মাৰহা bhojaharī (south-east), an earthen dish used by Musalmāns at marriages.

HITT mangara, the tiles along the ridge of a roof.

सटका matakā, and also (south of the Ganges and in Champāran) सटका matukā, an earthen vessel for holding water or grain.

मट्का $matuk\bar{a} =$ मटका $matak\bar{a}, q. v.$

सरतवान maratabān, सरतवान maratawān (south of Ganges), सिरतवान miratawān (north of Ganges), an earthen vessel with a wide mouth ornamented with lac (जाइ lāh).

मत्तवा malawā (West Tirhut, Shahabad, and South Munger) or मिलिया maliyā (North-West, West Tirhut, Patna, and South Bhagalpur), a vessel for holding oil. It is equally often of wood or metal.

माँट mant (Gaya), a large flat jar.

मिरतवान miratawān = मरतवान maratawān, q. v.

मिटिया mitiyā or मेटिया metiyā, a round vessel with a short neck for water.

मेटिया metiyā = मिटिया mitiyā.

मेटा metā (South Bhagalpur and to the west) = मिटिया mitiyā.

मेरी meta (South Bhagalpur), for holding tyre.

मौन maun, a vessel for holding date-juice.

समाचा ramakarawā (South-East Tirhut and Champāran), a drinking-vessel.

रमेबी rakebī = र नाबी rekābī, q. v.

समुक्ता ramachukkā (Patna and Gaya), a drinking-vessel.

TITE rāis (East Tirhut), a little vessel with a narrow neck, used for holding milk and similar purposes.

रिकाकी rikābī, a saucer.

रिनेवी rikebī = रेनावी rekābī, q. v.

ইকাৰী rekābī or (Patna and Shahabad) হনৰী rakebī, or (south-east) হৈৰী rikebī, a saucer.

जवना labanā (Patna and Champāran), a water-pot in the shape on an ellipsoid.

जबनी labani, the vessel in the shape of an ellipsoid, in which palmjuice (ताड़ो tārī) is collected from the trees.

साइ lād - नाइ nād, q. v.

सनको sanakī (South Bhagalpur and Gaya), a saucer used by Musalmāns.

सनद्वत sanahak, सनद्वती sanahakī, a broad flat dish used by Musal-māns for eating boiled rice.

सर्वे sarabī (South Bhagalpur), a cup for distributing pulse, &c. from the cooking-pot. Used at marriages.

सराही surāhī,—see सोराही sorāhī.

बेफाली sephālī (Patna, Gaya, and Shahabad), a flat earthen dish.

Etel serahā, a vessel for drinking spirits.

चाराही sorāhī (north of Ganges) or स्राही surāhī (south of it), a water-vessel with a long narrow neck.

इंडिया hanriyā, diminutive of हाँड़ी hanri, q. v.

इंड्रोबा hangolā, diminutive of हाँड़ी hangī, q. v.

ह्योग hathaunā, a vessel for collecting date-juice, larger than a खबनी labanī, used when the juice (ताड़ी tāṇī) flows freely.

हाँदी hānṛī or हंदिया hanariyā (small) or हंदीला hanṛolā (small), a Vessel for cooking or holding milk, tyre, &c,

CHAPTER X.—WOODEN VESSELS.

- 714. The কঠান kathaut or কঠানা kathauti is a large wooden dish for kneading flour. It is also called কঠা kathra south of the Ganges and to the west নাছো tagāri in Tirhut and Champāran. ভাষা dagra in Champāran and Gaya is a large flat dish made of wood. The ভলহা uldi in the west, কঠানা kathuli in Shahabad and South-East Tirhut, কঠানা katholi in North-East and South-West Tirhut, and কঠনা kathli or ভাছিৰা arhiya in Shahabad, is a small wooden dish for scraps. In Patna, Gaya, and the south-east it is पैना paila.
- 715. The नासकील kaskaul (Patna) निस्ता kista (Gaya and the south-east), and नंत्राहल kanwandal (generally), is a wooden cup carried by mendicants. In the north-west नरियरी nariyari is an oval one. तूमा tuma, तुम्मा tumma, or तुम्मा tumba, is the mendicant's gourd.
- 716. चंबती sewti or (North-East Tirbut) सीधी sauthi is a wooden platter used by sailors.
- 717. डोक्नी dokni (Sāran and Champāran) and टक्ना dhakna North Tirhut) are small wooden dishes.
- 718. The ভাই doi or (south of the Ganges) ভাষা doa, or (South-West Shahabad) ভাষা doki or (south-east) ভাষম doiiä, is a wooden ladle used by Muhammadans in cooking pulse. The corresponding word amongst Hindus is, in North-East Tirhut, হাবি dābi: and in Champāran হাবা dāba. ঘটনা ghatna in Gaya is a machine for stirring pottage as it is being cooked.

CHAPTER XI.—LEATHER VESSELS.

719. South of the Ganges the মন্ত্ৰা malwa is used for holding oil. In Champāran it is মন্ত্ৰা maliya. ক্ৰুঘা kuppa or কুঘ্টা kuppi is for holding oil or clarified butter (ঘ্ৰু ghyu). বহার nadoï is used in Gaya for the same purpose. In North-East Tirhut ঘাৰু dhokra is a sack used for the same purpose, as in the proverb মুহুৰ ঘাৰু ঘ্ৰুল বাই ঘাৰু আৰু বাৰ gūrak chot dhohreñ punu jān,—it's only the vessel that knows the pain (or weight) of the molasses, i.e., only he who suffers, knows the pain. মহুল gelha is a similar smaller vessel.

নাল্ছা gelha or (in South-East Tirhut) ব্যক্তা chamri is also a vessel for carrying molasses.

720. मोट mot or मोटि moti is the large leather bucket for drawing water from a well. इसि dol is the smaller one. मसस masak is the leather water-skin borne by water-carrier. इसी दापा dasti kuppa is the small leather bag used by torch-bearers (मसाजची masālchi) for carrying oil.

CHAPTER XII.-LEAF-PLATTERS.

721. The दोना dona is a small round leaf-platter. In Patna, Gaya, and the north-west it is also called खोना khona, and in Shahabad खदोना khadona. The पनल pattal is a broader and flatter kind, and is also used as a kind of basket at Hindu marriages when a number of guests are to be fed. It is also called पनरो patri in Shahabad, पना patta in South Bhagalpur, and पनरोरो patrauri or पनमारा panmāra în Champāran and North-West Tirhut.

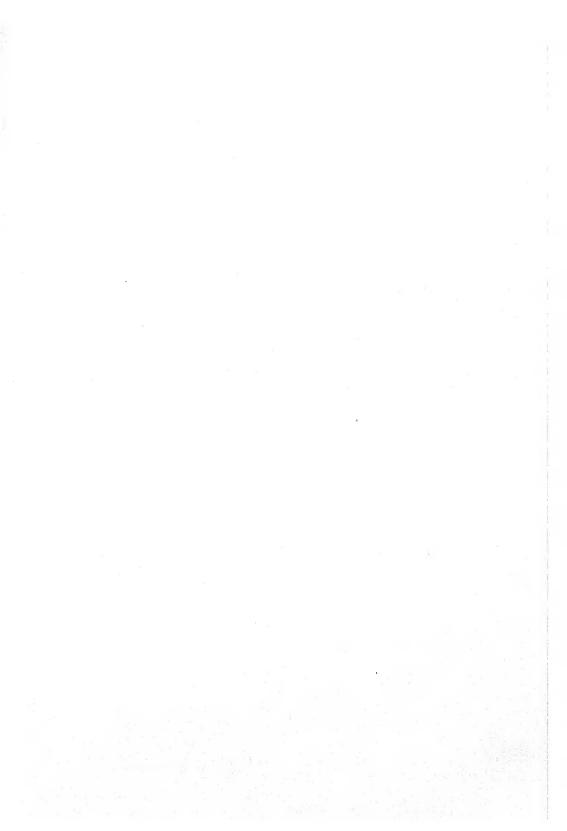
CHAPTER XIII.—STANDS FOR VESSELS.

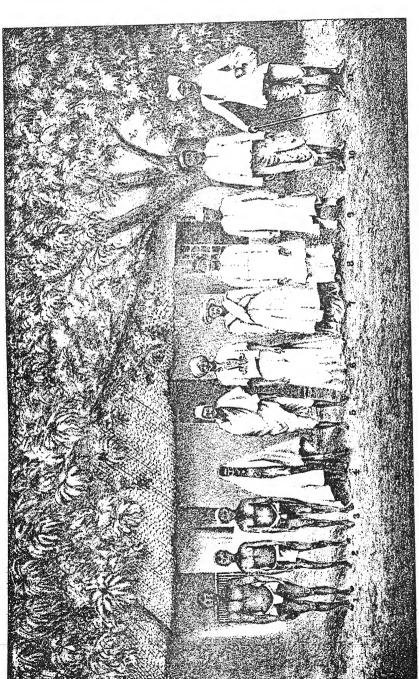
722. These are made of mud or brick, and known as चिर्चिटी ghirsirhi in the north-west, east, and Patna, चिचिरी ghirsiri in Sāran, चिर्चिडी ghirsindi in Patna and Gaya, चिर्चिड ghirsir in Patna and Shahabad, and चिरचंडी ghirsandi in South Munger. Other names are चे बचारी ghailsāri in South-East Tirhut, चंबचारी ghalsāri in South Bhagalpur, चंबचरी ghalthari in North-West Tirhut, चंडीची gharaanchi (South-West Shahabad), and चीवरा chautra or जीटा ota (Champāran).

SUBDIVISION III. CLOTHES AND ORNAMENTS, &c.

CHAPTER I.—CLOTHES.

723. The general terms are কাৰ্ছা kapra, বাহ chēr, and লুৱা lūga. The last has local variants, নুৱা nūga (South-East Tirhut) and কাৰ্যা lugga, বুলা nunga, or নুৱা nūnga south of the Ganges. Other names current principally to the west, are uহুৰো pahrāwa, কৰা bastar, or





A Bihar Fushion Plate

CLOTHES WORN.

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Chaugoshiya topi, ūba, churidur paņuma.
 Bubhnau topi, mirjai, dhoti.
 Maretha, dhātha, furta, chaldra: dhoti.

कपड़ा जत्ता kapra latta. A suit of clothes is called पाँची ट्रक कपड़ा pancho tūk kapra, and consists of a turban, loin-cloth, jacket, sheet, and bathing-cloth.

724. Amongst men's clothes are-

The turban.—पात pāg, पतिया pagiya, पान् or पारी pagri is a piece of cloth woven for the purpose. The inner portion of the made-up turban (ब्रु के पान् bāt ke pagri) worn by the more respectable people is called पॅटा phenta. मरेडा muretha is a piece of ordinary cloth, or even a garment, such as the numer gamenha, चहर chaddar, or होपटटा dopatta, worn round the head. चीरा chēra is a checked turban. A piece of cloth wound under the chin and over the head is दाउ dhādha; also ग्रामेश galaudhi in Patna and East Tirhut, ग्रामोहा galmochha in Tirhut and to the east and (optionally) south of the Ganges, and ग्रामेश galjin in North-West Tirhut and Gaya.

725. The cap is दोषो topi or ताखी tākhi. The round cap covering the ears worn by Brāhmans is म खा munda in Sāran and North Tirhut, कासीवास kā rīwāl in South Tirhut, ताझ tāj in North-East Tirhut, Patna, and the west, and समनी babhnau in Shahabad and South-East Tirhut. दोपलिया dopaliya is a long cap made of two pieces, and the चर्पलिय charpaliya or चौगोशिया chaugoshiya is round and made of four pieces. The कनटोप kantop, कानमप्पा kanjhappa (both of these also to the west and in Patna), and कानदार टोपो kāndār topi (all north of the Ganges), is a piece of cloth worn loose over the head. South of the Ganges it is कुट्ही kulhi or कानमप्पो kanjhappo (Patna and South Munger) क्रममप्पो kanjhappi (Gaya), and कानमोपर kanjhopa (South Bhagalpur). कुट्ही kulhiya in Gaya is a boy's cap. घोषा ghongha in Gaya is a wide umbrella-shaped hat of tāl leaves, worn in rainy weather.

726. The loin-eloth.—This is धोती dhoti: North of the Ganges and in Shahabad it is also called सर्दानी mardāni, and in Shahabad, Patna, and Gaya ज क्षा lungi. The small loin-cloth is जंगाटा langota or जंगोटी langoti: also in Patna जङ्गाट langot. Other names are कोपिन kopin, in Champāran कोपीन kopīn, and in the south-east नंगोट nangot or नंगोटा nangota. ज्ञप्पा kappa (east) in a small cloth worn round the waist by the poor. The सग्रा bhagva, or in Sāran सग्दे bhagvā and North-East Tirhut घरिया dhariya, is a small dhoti principally* worn by

^{*} It is not always worn by boys. Compare the proberb चौरक स्मादा दाही chorak bhagwa dāhī,—burn a thief's loin-cloth, i.e., disgrace him as much as possible.

boys. The বিষয়ী bisti, or in Gaya বিহু ষ্ট bichhuti, is the scrap worn by poor boys. The small tight cloth worn hy wrestlers, and also the usual cloth tightened up to allow of free play of the limbs in violent exercise, is কাহা kāchha or কৰা kachchha. Other names are ব্যা charna (Champaran, Patna, Gaya, and the east), faz chit (Patna), समाजो samāli (Gaya and the south-west), भरतक or भड़तक bharkachh* (North-East Tirhut), and মৃত্কান্ত bharkāchh (South-East Tirhut). तहमद tahmad, or in Shahabad तहबन्द tahband, and Champaran तही tahi, is a loin-cloth worn by Musalman mendicants (fakīrs). tag of the loin-cloth tucked in behind is पिक्का pichhud or पक्का pachhua to the west. To the east it is हैं का dhenka or ह कुआ dhenkua. The loose end which hangs down in front is ख्रंट khunt, खाँची sanchī (North Tirbut), and you puchchh (South-East Tirbut). In South Bhagalpurit is काँची konchi. The knot in the loin-cloth for holding money, &c., is फाँड phānr, फाँडा phānra, or फाडा phanda. They are also called Te ehent or Ze tent towards the west and un pench in North-West Tirhut. Other local names are হড়িছা harira (North-East Tirhut), एंड्डा airha or मृती mārhi (both South-East Tirhut).

727. The drawers.—These are पंजासा pcijāma, also south of the Ganges इजार viār and खिसकट khiskat (apparently a corruption of the Persian अंग्रेंड khishtak). In South Bhagalpur they are also called तमान tamān, and in North-West Tirhut स्वास surwāl (a corruption of the Persian अंग्रेंड shalwār). According to the Kānūni Islām. the ijār and surwāl are not so wide as the paijāma. Tight drawers are मुह्सिर churidār, also चुस्त chust to the west and in South Bhagalpur. If loose at the ankles, they are मोहरिसर mohridār; also खन्त सर khaltedār in Patna and to the west, बरकावर barkābar in Gaya, and पंचरार painchedār elsewhere. If loose, with pieces let in along the thigh, they are किसरार kalidār. जिंधवा janghiya are tight-fitting short drawers, such as those worn by wrestlers.

728. The jacket.—This is मिरजर्द mirjai and also खुटिया खाँगरखा khutiya angarkha.

729. The coat.—This is अङ्गा anga, अंगाखा angarkha, or चपकन chapkan. Those worn by Hindus open on the right breast, and those by Musalmans on the left. It is tied at the neck by a string, चाडी

^{*} Compare Manbodh's Haribans, which is a Maithil poem. कर्मक तर चढि सङ्क्छ मारि kadamak taru charki bharkachh māri,—(Krishna) mounted the kadam-tree and tightened his loin-cloth.

ghun ii or चूंडो ghūnri, and also to the east and south सुग्ही bhundi or सूडी bhūnri, and in South Bhagalpur सुग्डो bhundo, which runs in a hem सक्सा tukma, or (in Patna and Gaya) गाजी gāli. The अचकन achkan is a long loose coat buttoning right down the front. The कावा kābr or (south of the Ganges) कवा kaba is an outer coat open at the chest and sleeves. The निमास्तीन nimāstīn (also called नीमा nīma south o the Ganges) is a jacket the sleeves of which reach only to the elbows, while the भाजका shaluka and सहारी sadari leave the arms bare.

- 730. The sheet.—This is ৰাহ্য chaddar or বাহ্য chādar. This is of various kinds, viz., the হাহ্য dohar is a doubled sheet hemmed all round. The বিভিন্ন geleph, হল্মা salga, or হাল khol, is similar, but is not hemmed all round, and is generally made of coarse cloth (মাহিয়া motiva). The एकपटा ekpatta or एकलाई eklāï is a sheet made of one breadth of cloth. ইন্মেয়া derhpatta or ইন্মেই derh patti is a sheet whose whole breadth is made up by sewing together two cloths, of which the breadth of one is half that of the other. The হামহা depta or হামহা depatta is a sheet whose breadth is made up sewing together two cloths of equal breadth. ত্ৰামানা to the east is an outer garment. To the west it is used (a) for the string tied round a corpse's neck, and (b) for the mourning garments worn for ten days by the কাৰ্ম karta, or person who lights the funeral pyre.
- 731. The stuffed quiit.—These have various names, according to the amount of cotton-wool in them, viz. बिहाम lehāph (five or six sers); रनाइ rajāi, ने हाजी nehāli, or (South Bhagalpur) बहाजी lehāli, all of which hold from one to three sers; and the दोजाइ dolāi, सीरज sirak, or (in South Bhagalpur) नुराह turāi or सीरा sīrag, which contain less than half a seer. The stuffing of the quilt is भर्ना bharna or (to the south) भराइ bharāw or भराना bharāna. Bits of old cotton padding in a quilt are सङ्ग anga north of the Ganges. A similar quilt made of patchwork is पुरा gudra or पुर्शे gudri. When made of rags it is हिर्श khendhra: also optionally in Tirhut, Patna, Gaya, and the east सरा gendra, and in Shahabad बिरा lendra or बरा ledra. See also § 687.
- 732. The long cont worn by well-to-do people is what $\bar{a}ba$. The kind of court dress consisting principally of flounced petticonts is what $j\bar{a}ma$.
- 733. The bathing-cloth, worn round the loins while bathing and used for drying the body afterwards, is named differently by Hindus

and Musalmans. The former call it अंगोहा angaüchha or गमहा gamchha, a local variant being आगेहा angauchha to the west. A smallar kind, or handkerchief, is अंगोही angauchhi, गमहो gamchhi, सामी sāphi, लोनो tauni (East Tirhut), or तिउनी tiuni (North-West Tirhut). The Muhammadans call the bathing-cloth लड़ी lungi or चुँगी lūngi. The इज्रिया hajuriya is a similar bathing-cloth worn by Hindu mendicants (वैरागी bairāgi).

- 734. The purse.—This is चेला thailu, चेली thaili, बट ट. battu, बट आ batua, or बट ई batui. The स्तोरा jhora is a larger bag. In Gaya and to the west it is also बीची ghoghi or घोकरी dhokri. The बगुली baguli or तिलहानी tildāni is a tailor's housewife. लीखर lokhar is the case in which a barber carries his razors, &c. The last is also called निसंसत kismat north of the Ganges and क्षित्रक kishat south of it. The moneybelt is डॉइर donra or डॉइर donrha.
- 735. The shoes.—These are जोड़ा jora, जूता juta (or जुता juta), जूती juti, or पनही panahi. जिरपाइ jerpāi, खरपा kharpa, or (south-east) चटना chatka, are usually the shoes worn by women. The wooden bathing-patten with a peg to go between the toes is खड़ाचाँ kharāon, खड़ाडन kharāūn, or खड़ांच kharānw (also to the east खराम kharām or खराजाँन kharāuni) or चपटा chapta. and clog held on the feet with strings or straps is नाम bādha or नरहा badha. In Sāran and South-West Shahabad जातरो latri are old shoes.
- 736. The Brahmanical cord is ভাৰৰ janew, ভাৰত janew, or (to the south-east) ভাৰজনা janeüa. The knots in the cord are মাৰহ parwar or মাৰল parwal. In Tirhut and South Bhagalpur they are also মাৰল parbal. The ভাল ভিজা sūt sikha is the projecting part beyond the knot. The length of the cord is measured by handbreadths (ভাজা chaua). A Brāhman's cord is 96 handbreadths long, and so also a Rajpūt's, but the knots are different.
- 737. The blanket.—This is ज्ञास kammar, ज्ञास kammal, or ज्ञास kamma. In South-West Shahabad it is also राज rāl. A small blanket is जमरी kammi or ज्ञासिया kamariya. In Champaran and the south-east पूस dhūs or पूस सा dhussa is a thick kind of blanket. प्रस्त्या pachhatthi is a large blanket five cubits long. and क्ष्ट्राया chhahattha or क्ष्ट्रायो chhakatthi is six cubits long. घोषो ghoghi is a peculiar way of tying a blanket over the head to save the wearer from rain. In South-West Shahabad it is also called घोषो ghonghi, and in Patna and North-East Tirhut इक्की bukki. The blanket forms the subject of many

proverbs: thus ज्यों भोजे व्यों कम्मर भारि jyon bhije, tyon kammar bhāri,—the more a blanket is allowed to become moist, the heavier it gets, i.e.' delays are dangrous.

- 738. A Patch on the clothes is पेवन pewan, local variants being पेवन्द pewand south of the Ganges and पौना paura in South-West Shahabad. It is also called पाटी pāti or पटिया patiya to the east. Another name is चेपनी chephri in North-East Tirhut.
- 739. When cloth is doubled, the outer plece is অৰহা abra or (in South Bhagalpur) ঘন্তা palla and the lining অন্তাই astar or (in Champāran and North Tirhut, বহী tahi.

740. Among women's clothes are-

The sheet.—This is सारी or सड़ी sari generally, with a variant सरिया saring to the east. To the west and in Patna and Gaya it is also called खिल त्या khilua. It is also called ज्या luga, with, in East Tirhut, a variant, न्या naga. In South Bhagalpur it is called वरहत्थी barhatthi (when 12 cubits long), and in South Munger Tiel khānri or खगुडा khanda. An old torn sheet is ज्यारी lugri, as in the proverb नई घोनिनियाँ आइंति, लूगरिये सानुन नाइनि naī dhobiniyan äöli lugriye sahun lāili,—the new washerwoman has come and applied soap even when washing rags, i.e., a new broom sweeps clean. A proverb of similar import is नाया नोकर खश्गीस पकड़तारे naya nokar khargos pakartare,—a new servant will catch a hare, or, as they say in Ireland, a sharp fellow won't let a hare catch him. The smaller sheet worn by poorer women is जनानी धोतो janāni dhoti or लूगरी lugri. Over the बाडी sāri is worn another sheet, called चहर chaddar or चाहर chadar, or (in Gaya and South Munger) पिक्रीरा pichhaura. This may be दो खा dopta or दोषट्टा dopatta, as in the case of a man's sheet. The small sheet worn by little girls is परखण्डा parkhanda to the west and in South Bhagalpur and Gaya वरकी barki in Patna and the south-west. It is पालिया phaliya in Saran aud North-West Tirhut, niai ganti in South Bhagalpur, and परिया phariya in South-West Shahabad. We also find खेन्सी kheruki or खरनी kharuki, खरना kheruka or खरना kharuka, north of the Ganges, and प्राची putli in South Tirhut, Patna, and South Munger.

741. The hem of the sheet is generally आँचा anchar, and also अंचा anchra or अचा achra. This is also the part which covers the bosom. The first of these words is the nominative, and the other are more properly used with postpositions. Thus दे आँचा वह नीमन वा र anchar bar noman ba,—this border is very beautiful; but अच्या में बावन

देखों achra men bank delin,—I tied it up in the hem of my garment. The end of the sheet gathered up and tied in front is ungal phuphuti, पुजुनी phuphuni, or पुजुन्ही phuphunhi to the west, and कीचा koncha or का चो konchi to the east. The pocket in front formed by loosening the part tied round the waist is est khoinchha, and in the extreme south-east खोरहा khoechha or खाँहा khonchha, as in the proverb ब्रवन काने याँ की काना खोड का burbak kaneān ken nau ana khoinchha,—it's a fool of a bride that only gets nine anas in her pocket (for wedding presents). The loose fold on the left side is गोसनौटा gojhnauta. In the south-west it is ugit pichhaura. When a woman is modest and meets a strange man, she draws her sheet or veil (see below) before her face. This action is called alug yhoghat, or in Gaya मुगचा ghuggha, in South Bhagalpur चोचो ghogho, and to the northwest धूब ghūgh or चीव ghogh; and when a woman wishes to be extra modest, she pulls a great deal over her face. She is then called वड घोषट bar ghoghat.*

- 742. चहरार chasdār is a dyed cloth with a double-hemmed border worn by women in Shahabad. In the same district संचार masārhu is a dyed cloth used by females of the lower orders, and सिमस्की jhimki is a cloth printed with flower patterns. सकरें मा kahreja is a purple, and साम sālu a red cloth, much used everywhere.
- 743. The petticoat.—This is generally चंद्रमा lanhga. A looser kind is चंद्रा ghanghra in Gaya and to the east, चंद्र ghanghar in the south-east, and चाँद्र ghanghar in Shahabad. The चंद्ररे ghanghri is a girl's petticoat. काहर kāchha is a mode of tying it under the leg. The waist-band through which the string is run is नेप्रा nephu, and the string itself is द्वार बन्ह ijār band, or in the case of a bride or bride. groom नारा nāra. The hem is also called कमरतीह kamartori.
- 744. The bodice.—This, if it reaches to the waist, is স্থাবা kurta, দ্বা jhūla, or in North-East Tirhut ক্ষবি kasani. If it is short, only covering the breasts, it is আদ্বিধ angiva or বালা choli. A similar short bodice, worn chiefly by prostitutes, is called মহমে mahram. This last in North-East Tirhut is called বালা choli.
- 745. The veil or cloth worn over the head is ओएनी orhni. When a veil or a sheet (चादर chādar) has a dyed border, it is called चुनरी

^{*}As in Manbodh's Haribans, where the wife of Akrūr, although very modest still wanted to look at Krishna when he came to the house, वर वीपट पुरु तक्षा वाहिन bar ghoghat punu takalo chāhia.

chunri चुँदरी chundri, and also in Sāran क्तिमकी jhimki. The border is called in North-East Tirhut पाड़ि pāri or पाइंगा pariya.

746. The drawers are unique or (in North-West Tirhut)

747. Toilet requisites. - The antimony put on the edges of the lower eyelids is THI surma, and the lampblack applied to the eyeball is काजर kājar, as in the proverb डॉव गुन काजर, कडॉव गुन कारिख thāmw gun kājar, khuthāmw gun kārikh,—in the right place it is collyrium, and in the wrong place, soot. Lampblack is kept in a box called antiz kajrauta or antiel kajrauti. The coarser red lead put on the forehead and on the parting of the hair is tigt sendur or tigt senur. The finer kind placed between the eyebrows is \$ nr ingur. The silver spots put on the forehead are called taged tikuli, and the round silver spot between the eyebrows is farel bindi. The small silver or gold spots surrounding this are, in North-East Tirhut, बेनी beni or बेनीया beniya. The comb is कवड़ा kakha, ककड़ी kakhi, or कंगड़ी kangahi. It is also नकदा kakwa in Patna, Gaya, and South Bhagalpur. The जिल्लगङ्गी likhgahni is a kind of comb used in Gaya The hair-brush is उन्हरी or यक्दी thakri. To the east भारती jhurni is a kind of brush made of the stem of a cocoanut leaf. A tooth-brush is इत अन datuan It is made by biting one end of a spring of wood till the fibres form a brush. Hindus use a fresh one every day, but Musalmans keep theirs for a fortnight at a time.

748. Washing of clothes .- See §§ 389 and ff.

In making clothes, the following terms are used by the tailor or each darji:—

पस्त pasūj is running, स उपरे turpaī hemming or felling, उस्मा urma is top-sewing, सङ्घ langar tacking or basting, and चून chūn gathering. बखिया bakhiya or बखि आ bakhea is stitching, चाँपा बिख्या chāmpa bakhiya is long stitching, and डोरो दे से बखिया dori de ke bakhiya stitching-in piping-cord. जवा jawa is a long stitch and a short stitch alternately, and कौ । पोड़ी पिख्या kānta phori pakhiya is a kind of stitching for which there is no English name. सुस्तान डोरो sultān lorhi is a mantua-maker'u hem, सांकी sārjī is herring-boning, and बाबी jāli a kind of herring-boning for joining two cloths but not bringing their edges together. दान daraj is a run-and-felled seam. When it is narrow, it is called बोख gol; when wide, दमलपती imalpatti; and when very wide, चीरा chaura. There are false hems of various 88 R. & J.

kinds. When the edges of the two pieces meet evenly, it is called **val** patti; when the edge of the added piece extends beyond the edge of the main piece, the false hem is called, if it is narrow, **una** magji, which properly means the overlapping portion. If it is wide it is called **una** sanjāph, When the overlapping portion is very wide, the false hem is called **una** nanjāph, or in Shahabad **una** langulu lakhanwāla sanjāph, or in Shahabad **una** nan langulu lakhanwāla sanjāph. And kāj is button-hole stitch, and **una** hūl eyelet-holing.

749. Engrisilahra is a kind of embroidery. Two thicknesses of muslin are sewn together. The under one has holes out out in it which are embroidered, and are visible through the upper one. It is used as an ornamental border. An bel is similar to Engri silahra, except that patterns of various leaves, &c., and not holes, are cut in the lower muslin. Eight singhāra is an embroidered scolloped or vandyked edge. Eight sorāhi is a piece of calico cut into an ornamental shape and appliquéd on to the shoulder of a coat. Engli Hull ulta mundha is binding an armhole with piping cord. Aust kantha is a rounded collar sewn in front of the coat. A sleeve is said to be Eight churidār when it is gored to fit tight at the wrist. A gore is Eight ghor. There is no Bihāri equivalent for "dart," "pleat," or "tuck."

CHAPTER II. - CARPETS AND MATS.

- 750. A floor-cloth is आलीन kālīn¹ south of the Ganges, north of the Ganges जानिस jājim, or (to the west) फरस pharas A carpet is हरो dari, or when larger सत्र जजी satranji. A गल चा galaicha or गलीचा galācha is a thread mat चही chatti in South Bhagalpur is a canvass mat and चाली chāli in Gaya is a coarse kind of mat made of bamboo slips tied together.
- 751. चटाइ chatāi or चटेनी chataini is mat made of various reeds or bamboo slips. A गोनरी gonri or गोंदरी gondri is made of the gond reed. In Paina, Gaya, and the south-west सम suph is a long gond mat used when a number of people are assembled at a marriage, &c. In the north-west it is दिए dhārha, in Soush-east Tirhut चटान chatān, and in North-West Tirhut चटान barhattha. A सराय tarāy to the east is made of palm leaves, and a तरहे taraī in Champāran of reeds. चित्रस्पादी sitalpāti is a fine mat for sleepling on in the hot weather. When a number of Musalmāns say prayers together on one carpet, it is called चानिसाल jānimāj, or in South Munger नायनेमाल jaynemāj; and when on a mat, it is called सम saph.

CHAPTER III.—JEWELRY.

752. The following are some of the varieties of jewelry commonly worn:

a.--Worn by Men and Boys.

- 753. On the ears.— नाजी bāli or (in Shahabad) नारी bāri. This is a ring. Also the क्लोसी kanausi (Patna and Gaya, where it is worn by Hindus only). Other ear pendents are मोती moti, गोस्ता gakhula (and to the west also गोरखल gorkhul) (an ornamented ring), ज्ञास्त kundal (a large ring), जोर lor (worn principally by Goālās), and क्लासा kanbāla. सोना sona is a plain ear pendent, and सन्ती anti is a plain stud fixed in the lobe of the ear. [प्रकी phirki is a double gold ring.
- 754. On the arms.—The बॉक bānk and चौकटा chauktha are worn on the right upper arm. So also the विजावर bijāwath or विजोटा bijautha, which is, however, more properly a female ornament. The बाना anant and ताबीच tāwij are various kinds of amulets.
- 755. On the neck.—The HIGH māla is the head necklace. The Gerie udrāchh is one made of the seeds of the Tetra rudrāchh (Eleocarpus ganitrus). The Aust kantha is a necklace with gold and silver ornaments or sacred relies attached to it. The HIGH mungwa is a coral (HIMI mūnga) necklace, and the HIEI HIGH mohar māla or HIEI HIGH mohan māla is a long necklace of gold mohars and coral. The AIRI gop is a made of twisted gold wire, and it is also called gaul ghunsi in Champāran, North Tirhut, and South Munger. The Geatl sikri is a long chain going round the neck.

756. On the fingers.—This is अंगुठी anguthi, एंट्रुवा ainthua (Gaya), or बॉटी aunthi. The गोरड धन्हारो gorakh dhanhari or बोरड अंधारी gorakh dhandhāri is a puzzle-ring which takes to pieces and is difficult to put together again. मुंदरी mundri is a ring worn on the right little finger. गोल gol (Shahabad) and पेरवा pherua (Patna and Gaya) are kinds of rings.

757. On the wrist.—These are stat bāla or (Patna and Gaya) and balea, usid pahunchi, and also (south of the Ganges) usual pahunchāri, ast kara (south of the Ganges), at bera in Gaya and to the west, sami jigga in Sāran, usual mathiya in South Bhagalpur, and diet tora in South-West Tirhut. These are worn principally by boys. And tainti is a kind of amulet in South Munger, Gaya, and Shahabad.

- 758. On the waist.—The chain hung round the waist is करधन kardhan or काशनी kardhani; also हरहा harhara in the east. A kind of belt is जींगरा, and of this जवा jāwa or जवारी jawāri, जांगरा langra and जहें jāī, are portions of the clasp.
- 759. On the ankles.—A boy's anklet is nieta garāno, nieta gorāin, or net kara. South of the Ganges we also meet niet gorha a granghur, or granghur, of ghunghru (fitted with bells, used also in Tirhut, and altiel chaurāsi (when it carries 84 beads).
 - 760. On the toes.—अंगुडा angutha is toe-ring.

b.-Worn by Women.

- 761. Ornaments for the head.—The ornamented hair-pin is viel chonti.
- 762. Ornaments for the forehead.—The sincles mangtika or spale banni is an ornament tied in the centre of the forehead by three strings, one passing round each side and the other over the top of the head. They are fastened in the hair. Of this the ornament is called state chauktha, and the strings seall sitei. The spangles or wafers gummed on to the forehead are tegral tikuli. Another name in South-West Tirhut is susphul or significant. In Shahabad scattya is a wafer made of embossed paper and gummed on the forehead.
- 763. Nose-ornaments.—The nose-stude fastened on to the outside of one nostril is क्यों chhuchchhi, in South Bhagalpur नक्यान्य nakehanda, and in Patna and to the south-west जींग laung. It is not an easy thing to steal, hence the preverb कहाने से सेयह पोराने के क्यांग्रेश kuhāwai lai saiyad, chorāwai lai chhuchchhi,—by name he is a saiyad, but he can steal even a nose-stud. The ring passing through the outside side of the nostril is नय nath. A smaller kind is नियम nathiya and that worn by girls नयनी nathuni. The मुझान bulāk or नियम besar is a ring hung from the centre cartilage of the nose, and the मुझान jhulni is a similar one worn by women of the Rauniyār caste. It swings backwards and forwards, and is ornamented with beads.*

^{*}Nose-ornaments are peculiar to females. If a mother loses a first-born son she endeavours to persuade the demon who kills children that any future boys born are only girls, and hence not worth killing. To do this, she often makes the boy wear nose-ornaments, and calls him by some nick name, as Bulāki (wearer of a nose-ring), &c. There are other similar customs, such as giving opprobrious names to such sons who are born after the death of a first born, which it would take too much space to mention here.

764. Ear-ornaments.—Ear-stude fastened to the lobe of the ear are करनप स karanphul or कनपूल kanphul and खोटला khotla, or in East Tirbut w 241 khutla or wz 21 khutti, to the north-west wzmi khutli, and in Gaya and Shahabad खटिला khutila. The क्लेसी kanaili is a stud worn on the cartilage just where it leaves the head under the hair. Rings worn in the lobe of the ear बाखा bāli, and those worn in the upper part of the cartilage sactor lutrana. Broad plates worn across the ear are yid pat yat patta, and atal tarki. A smaller kind worn in Gaya is alled ning golwa. Amongst pendents are the भूमक jhumak or भूमक jhummak, which has two round pendents, and the किसिया jhimjhimiya, which are flat pendents. The मक्सिया machhriya is a pendent shaped like a fish. In South Munger it is called मह्तिया machhaliya. The जोर lor and and kandusi form a set of ear-ornaments. The first are round plates with a square cut cut of the inside, forming a kind of ring with a square inside. One of these is hung in the love of each ear. The latter is a ring. One is hung in the upper part of the cartilage of the right ear, and two in the upper part of the cartilage . of the left ear. When a hole bored in the ear for an ornament is not in use, it may be filled up with a plug, called 3 a thek. When the ornaments worn are too heavy for the ear to carry without tearing, a chain is fastened round the ear so as to support the heavier ornaments. This is called teat sikri. Other ornaments for the ear are are bir (Tirhut), काँप kamp, and खुबिया khubiya in the south-east, and विजली bijli in Patna and Gaya.

765. Neck-ornaments.—The unit clandar har is a long chain A state tāwēj is a similar one with an amulet attached. A set of three chains of various lengths is state telri, and also to the north-west state tilri, of five chains until packlari, and of seven chains until satlari. The state sikri is a long chain, and the unit baddhi is a long chain crossing the chest and going behind round the body. The humel is a necklace fitted with bells. Bosses tied to the throat are until state champa kali, unit jugnu, and cinal until dholna chauki. The last is principally worn by the bride at a marriage, and is the first ornament put on before the marriage ceremony. The unit hansuli is the solid necklet open in front which goes round the neck, and the neck is similar with pendents in front (worn by Musalmāns). The state in North-East Tirhut is a kind of neck-ring.

galsatka, बर्दवानी gardawāni, and गरबी garsi, are various neckornaments used in Gaya. Other neck-ornaments are चित्रका (South-(Champāran, Patna, and South East Tirbut), कटेंबर katesar Bhagalpur) or कटचर katsar (Tirhut and South Bhagalpur), and खेंसिया khambhiya 'South Bhagalpur). द्वार har or द्वा harwa is the general term for a necklace, and मोती माला moti māla is a pearl necklace, or one made with beads of the shape of pearls. जनारी lalri and इरपन darpan are two ornaments worn on the breast in Gaya and South Bhagalpur. A इतल haikal, or in Champaran देशक hailak, is a long necklace composed of flat pieces, generally nine in number. When a man marries a second wife, an ornament is made representing the first wife, which the second wife wears. On the first occasion on which the second wife applies vermilion to her hair, she first puts some on the ornament before applying it to herself. This ornament is called खोतिन sautin, or in South Munger स्रोत saut.

766. On the clothes.—मनोरी manori are ornaments on the veil (बारी sāri), and छांचरी anchri on the hem of the sheet.

767. Arm-ornaments.—The following are worn by all classes Highest up on the arm is the बाजू bāju, or बाजू बन्द bāju band, which is a wide armlet. Below it the amiga bijawath, amiga bijāetha, or विजीटा bijautha, which are five ornaments strung together ; below that the facel birkhi, which is smaller. Another name is बिटिश birenti. Below this comes the बॉक bank, made of one piece. is worn by Hindu women on the right arm, but by Musalmans on both. Lowest down comes the areas babhunta, or to the west agues bahunta, of five pieces and round. Arm-ornaments worn principally by Hindu women are अनन्त anant and टार tar or टरिया tariya. Similar to the last is also another ornament called बहुटा bahutta. सिकरी sikri is a chain worn on the upper part of the arm. आविया jhabiya is a kind of inverted cup hanging from the arm, and to which bells (4441 bachwa) are attached; and gust ghundi little ball pendents hanging from the बाजू bajs or from an अनम anant. सन्धी mundhi is a clasp. atel barekhi in South-West Shahabad is an arm-ornament worn by women of the Goala caste. Arm-ornaments worn principally by Musalman women are,—on the upper arm, जीयन jausan, पात pat (a flat piece tied on), and angen bajulla, or in Saran and bijuli (wor, immediately below the arm baju; and on the forearm alant saunag or (in North-East Tirbut) नवयह nabgrah of (nine stones). An ornament worn on the back between the shoulders is called by Hindus पान pān or पनवा panwa, and by Musalmāns बसमहार balamtār.

- 768. Wrist-ornaments are कंतना kankna, कंतनो kankni, or कंगना kangna, or in Champāran कतना kakna, कचरा kachra (Gaya and the south-east), कतरो katri, कंडोडो kansauthi (Gaya and the south-east), खिया khasiya, गोजवा golwa (Gaya and the south-east), खिया khasiya, गोजवा golwa (Gaya and the south-east), खिया khasiya, गोजवा golwa (Gaya and the south-east), खिया (bangles), इन chhan or इन्ट chhand, पर्में गृंग्युत, डोड़ा tōra, तिनखण्डी tinkhandi, तिननगा tinnaga, तिचीयौटा tisiauta (Gaya and the south-east), नद्भा naghuri or निश्चित्रो nigihri, or (in Gaya and the south-east) जद्भी laghuri, पचला pachkandi, पदेखा pachhala or पद्धित्या pachheliya, पटरी patri पटना patwa, पहुँची pahunchi, वंगुरी banguri, बड़्डा barhara, or in Gaya बड़ इर barkar, and in Champāran वं अद्धा belahra, वाला bāla, वांच banhu, वेरा bera, वांखा baunkha (Gaya) (made of thread), मिटया mathiya, ख्योडी rupauthi (Gaya and the south-east), and जद्धा laghuri (see नद्धा naghuri). The समसेवन्द samseband is a keeper worn on the wrist to prevent the दूर chūr falling off.
- 769. On the fingers.—A ring is दंगुटी anguthi. A round soild ring is क्या chhalla. Other names are चौंटी aunthi and एंट्रुचा ainthua. The गोरख धन्हारी gorakh dhanhāri, &c., is the same as that worn by men; so also the गोल gol and फेरचा pherua. Other rings are तिनक्षिया tinchhaliya, बहलोली bahloli, चंगुस्ताना angustāna, चारसी ārsi (which has a small mirror attached), मुँदरी mundri, जोमेक्या lobharua (south-east), द्रयावादी daryābādi (ib.), पथरीटी pathrauti (ib.), चिरोगिया chairaugiya (ib.), चंगुस्ता ankhua (South Bhagalpur), मथानी mathāni (South-East Tirhut), बहामी badāmi (Tirhut), पोर por (ib.).
- 770. On the waist.—Waist-chains and bands are करधनी kardhani, कमरक्ष kamarkas, कार्ना jhabba, or क्विया jhabiya, गठौरा gathaura, खंबरा amwara, कोचबन, kochban कमर्जेव kvmarjaeb, सीपी sīps जापरी japhri. The कोचली kothli is a kind of pocket to the waist.
- 771. On the feet.—The ormament fitting on the ankle and covering and fitting on to the upper part of the foot is utada pānw jeb. Like it are utae pāwat ut pairi, and uta una pānw sankar. Over this comes the sect charra, or set ichhara a number of fine rings like the uta chūri on the arm; over this again the act kara; and at the top the chūr. The una painjni are anklets with bells; so also that kinkini and and granghuru or granghurus in Gaya and North-East Tirhut.

772. On the loes—are wight angutha and was chhalla, which are rings. An ornament fitting over all the toes is satisficant bichhiya. In Gaya and the south-east again buturi is a toe-ring to which bells are fastened.

SUBDIVISION IV.

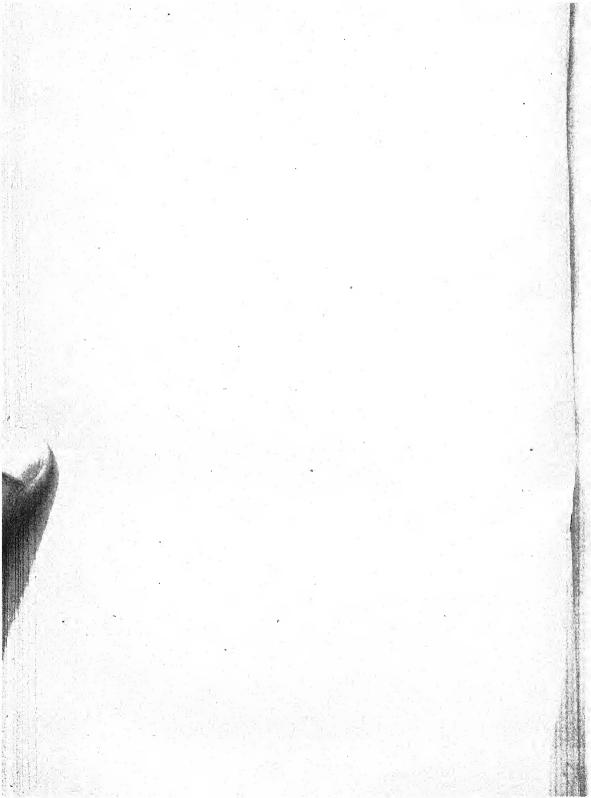
APPLIANCES USED IN WORSHIP.

- 773. The appliances of a Hindu temple are as follows:—The সাধনী āsni is a sort of mat made of kus grass, wool, &c., for sitting on.
- 774. A spoon for throwing water on the lingam is known as आध्यमनो achmani; also अध्यमनो achmani in South-West Shahabad, आंचीना anchauna in Gaya, आंचीनो anchauni in Sāran, and क्लाक्टी kalehhi in South Tirhut.
- 775. The जनपातर jalpātar is a vessel in which water is kept, and a smaller kind is पाँचपातर panchpātar. The आवा argha is the saucer made of stone or metal in which the stone representing the lingam is placed. The पाँची pīnri or पाँच हो pindi is the platform on which the lingam is placed. Other names are सराह saraī (optional) in South-East Tirhut, चौरा chaura in South-West Shahabad, and जवाड jakhār in the rest of that district.
- 776. घरा ghanto or चड़ी ghari, also south of the Ganges चड़ ghant, are gongs or bells, and the विषयर bijghant is a kind of gong with erect edges. घरा ghanta specially means a bell; भाँभा jhānjh (small) or भाषा jhāl (large) are the cymbals. यह sankh is the conch.
- 777. The idol is महत murt, also महती murti in South Bhagalpur, and पार्वत pārkhat optionally in South-East Tirhut. Its throne is सिंगायन singāsan or (in Patna and Gaya) सिंघायन singhāsan.
- 778. हो। सा horsa, or in the south-east हुरसा hursa, is the round stone for grinding sandal-wood (चन्द chandan). Another name is चर्रीटा chandrauta. The vessel in which the ground sandal-wood is placed is कटोरो katori.
- 779. The censer is north of the Ganges धुपनदान dhupdan, in Patna and Shahabad धुपदानी d updani, in Gaya धूपचारा dhupahara, and in the south-east भूपेडी dhuperi.
- 780. The दिषदान dipdan, दिषदानी dipdani, is the lampstand holding only one lamp or wick. One with four or five wicks is called untel arti.

- 781. The ख्रानी sumirni north of the Genges and समान्य sumarni south of it is the rosary of nineeteen beads. In Champāran and Gaya it is also खेम sumer. भाषा māla, or in Sāran and Tirhut करमाजा karmāla, is a similar rosary of one hundred and eight beads. समाना sumarni, &c., are also used for the large head at the end of a माजा māla. A जायमाजा jāpmāla is a large rosary containing as many as a thousand beads. The अग्रावारी ashtotari or अश्वादी athotri is a rosary which is kept in a small bag called भोगा jhora. Into this bag the worshipper puts his hand and turns the beads. The जायह rudrāchh or अश्वाद udrāchh is a rosary used by worshippers of Shiva, as in the proverb अग्रम मार्ग, प्रकार गर्म कर्म क्रिकेट क्षेत्रक gare mungri, pūtak gare rudrāchh,—the father has a club on his neck, and the son a rosary, i.e., the father is a scoundrel and the son a devotee.
- 782. The तूमा tūma, तुमा tumma, or तुम्बा tumba is the hollow gourd carried by religious mendicants (बाधू sādhu or जोगो jogi). It is also called कटारी kathāri or बागर sāgar in Sāran and Tirhut. The त्महो tumri is a small gourd. The कम एक kamandal is a similar vessel used for drawing water in a temple. A उत्त कम एक dand kamandal is a similar vessel made of metal (brass, copper, gold, &c.)

88 R. & J.

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SOILS.

CHAPTER I.—CLASSIFICATION OF SOILS.

783. Soils may be classified-

- (a) According to their distance from the village site.
- (b) According to their constituent elements.
- (c) According to the crops for which they are prepared, or which they usually produce.

CHAPTER II.—SOILS CLASSIFIED ACCORDING TO THEIR DISTANCE FROM THE VILLAGE SITE.

- 784. The concentric circles (ছলনা halka) are generally, but not always, three in number. The nomenclature and division differ according to locality.
 - (a) The belt near the homestead, which is better manured, more carefully cultivated, and adapted for superior kinds of crops. The homestead is called अवादी abādi, डोइ dīh. बबती bastī; and the belt of land जोएंड goënr, जोएंड्रा goenra, Alle T gonrha, or Alle gaunrha or als badh : also कीरार korār in Patna and to the west. डिहाँस dihāns (Shahabad, Patna, and Gaya), ঘ্ৰাহী gharbari in Patna and South Munger, and and bari in South Bhagalpur. The land actually in the homestead is specially called six dih, Este dehans, or (in Tirhut) Atst bhitha, and in Champāran भोड bhīthā. डोइ dīh is properly an old village site or mound. If there are two clusters of dwellings of the same name some distance apart, the older one will be called डीइ dih. अवादी abādi is properly settled or cultivated land. The land near the village which receives the drainage of the houses is anete gohan in Shahabad. 'A homestead is also called styl diffra or styl diffra in south Bhagalpur'.

- (b) The next furthest belt from the village site is बहरसी

 bahārsi to the west and in Patna and South Munger.

 This belt is also called चाँच sareh to the south-west as long as crops are standing on it. It is also called ताझी

 tādhi (Champāran), बहरम् baharbhām (Sāran and Tirhut),

 टास tāl (South-East Tirhut), बहिया bahiyār (North-East Tirhut), and बहार baihār (South Bhagalpur).

 In Hazaribagh it is called सिद्वा singha.
- to the west, also atthe village site is also called the sarch to the west, also atthe baharbhām in South Munger. So that the second and third belts are only considered as one. There are also, however, separate names for the third belt, viz. It tār, tit tānr, or tit tānri, which is used to mean high extensive wastes of infertile or gravelly soil, or of hillocks and ridges such as are found in Gaya, and tit chaunr, which means low open marshy country. In South Bhagalpur Att bhūtho is the land far from the village site which only produces bhadoi crops with much labour, and a still futher circle is attabaran, which bears no produce. In Sāran and Tirhut taran, or islands formed by rivers.

CHAPTER III.—SOILS CLASSIFIED ACCORDING TO THEIR CONSTITUENT ELEMENTS.

785. Sandy soils.—वाला bāla or वालवा balwa, बलाया balthar (North-West and in Patna and in Gaya), बलाया balwāh (South Bhagalpur), and बलाया baldhās (Champāran), are soils principally composed of sand. Sandy loams are बलायार balsundar or बलायारी balsundri, with local variants बलाया balsun or बलायारी balsunhi in South Tirhut बलायों balkası in South-East Tirhut, and बलाया balsum in North-East Tirhut. They are also called बलाया baluat to the west, and बलाया balmat in Shahabad. North of the Ganges and in South Munger बलाया balua is land with sand on the surface and clay at some distance below. In Champāran and South-West Tirhut यस dhās or यसी dhāsi is an arid and sterile soil consisting of an admixture of sand and clay. A loose candy subsoil, in which a clay well will not work, is बारा benga बारा bengwa. In South-East Tirhut it is also

स्वनी bhusni. In Shahabad भीच bhīs is fine compact sand, and बाजा bāla loose coarse sand.

786. Clayey soils.—The principal is महियार mativar, or in Gava महिमर matigar, which is a brown clay soil, well adapted for rice. It contains about 60 or 70 per cent of clay. A stronger kind, containing about 85 per cent, is called देवाल kewāl. This is also called करार karār in the south-east केवाल kewāl in South Munger is of three kinds, viz. करका harka, which is black; गोरिसदा goriatta or in South Bhagalpur Mexical goranti which is yellowish; and चनकी chanke or मगरी केवाल gagre kewal, which is mixed with fine gravel. This last is also called unitary pathratiya in South Bhagalpur or (when it is of a reddish colour) गोरॅंडिया प्रथरीटी gorentiya pathrauti. In South-East Tirhut क्वा kewal is of two kinds, viz., गोरी केवाल gori kewāl, which is light-coloured, and तेलिया नेनाल teliva kewāl, which is dark, नरेल karail to the west is a bluish-black soil, which contains more organic matter than महियार matiyār. In Shahabad it is divided into two kinds, viz. वाँगर करेल bangar karail, which is apt to crack on driving, and डोमा करेल doma karail, which is of more bluish colour than the other. A clay which feels greasy when rubbed in the hand is called दूधी dudhi or चिक्कन सिट्टी chikkan mitti or चिक्कनी सिटटी chikni mitti; and ससरी bhusuri (west) and ऋषींच kachaus (east) are clay soils which soon dry on the surface. Talk rakhaur is a similar soil mixed with ashes, which is called in South Munger HEITE bhasurāhi. चनकी chanki, or to the west सिमता sigta, are hard soils, which split and crack when dry. In Patna and Gaya aggat kachhuiya is a loose clay met in digging wells. जनकी मिट्टी lalki mitti north of the Ganges, बेर् geru south of it, and काविस kābis in South-West Shahabad, is a red clay. THE naram, and also to the east THE laram. mean soft when applied to clay. North of the Ganges, to the west, and in South-Munger, अक्राइ akrāk is a hard clay soil mixed with fine gravel. In South-East Tirhut it is इराही chharahi. रोरियाह rovivah or Ties rorha is land which goes into hard lumps the size of eggs after preparation. कमरौटी kuma auti, or in Saran नमहींटी kumrhauti, and in Tirhut and HTET kari mati, is potter's clay.

787. Loamy soils.—The चच्च chahal or चच्च kadoi is that which is never drier than mud, and in which crops are planted without ploughing. Lat dhabri or Lia dhab is land which is part of the year

under water and part of it dry. होस्स doras, or (in Patna and Gaya) होस्साही dorsāhi, and (in South Bhagalpur) प्रसीती parsoti, and also प्रसार का panchkatail in Tirhut, is a clayey loam; while बससन्दर balsundar (see sandy soils for other names) is a fine sandy loam. In Champaran समनी babhni is a light red soil.

CHAPTER IV.—SOILS AND WATER ACTION.

788. Land thrown up by fluvial action is no util gang barar (also spelt बडार barar), and that cut away गङ्ग सिकास्त gang sikast. क्वारन chhāran is land left by the retrocession of a a river. Zts tanr in South-West Shahabad, and yzur patpar in South-East Bihar, is newly-formed land so situated as to receive an annual accretion of alluvial deposit; but in Saran and South Tirhut YEYF patpar is barren alluviated land. In Saran माम māmas is rich alluviated land. In Tirhut, Patna, Gaya, and the south-east to tari means moist soil in hollows and at the foot of slopes. It also even means water. Thus they say, 'Are you going तरी tari (by water) or खुसकी khuski (by land)?' In Saran तर्यानी taryāni is similarly used. तरी tari is also applied to lands recovered by retrocession of a river. In Shahabad they are HIME bhagar, and in the south-west of that district व्हिन्दिया chhichhlahiya. They are also called क्वारन chhāran. दीयर diyar or दियारा diyāra is fresh land thrown up by the shifting of the course of a river. In Patna, and also in Champaran, it is called दिनारा diara, in South-West Shahabad डोजा dila in South Munger Ett dira, and in South Bhagalpur Ett dira. The alluvial deposit left by revers while still wet is called mes kadai, कदोइ kador. or पाँक pank or पड़ pank (see § 789). Land rendered useless by deposits of sand is called कोरा बाल koru bāl (in Sāran) and बलाब balan (North-West Tirhut.)

CHAPTER V.-MUDDY AND WATER-LOGGED SOILS.

189. Land in the bed of a tank is in Patna and Gaya বারী tan. In Sahabad is it কৰি kinch, and to the west generally কানী কিছা kano hichchar. Marshy or muddy soils and quagmires are মাৰ bhas and হলনী dalki to the west and in Patna, and the latter also in Gaya and South Munger. In Tirhut, Saran, and Patna they are হলহল daldal, in Patna and Shahabad until pankha, and in the southwest of the last district আহ্বা hhanchra. Lands usually saturated with

water are पनमार panmar north of the Ganges, सुतार sugra in South-West Shababad, सिंद्राइ siñrāh in the rest of the district, सिंद्राइ siñāha in Patna and South Munger, सीद्रा sīra in South Bhagalpur, and सिंद्रात seāt in Gaya. घरना dhasna is land liable to be submerged In is called गाँची gaunchi in Gaya and जलकी jalki in South-West Shahabad; in South Munger it is गाँद्री gaunchhi. The old dry bed of a river is हारन chhāran or (in North Tirhut) मरन maran. Other names are नांद्र bānr in Patna and Shahahad and मोर jhor in the south-west of the last district. पाँच pank, पाँची pānki, or पङ्ग pank is earth wet and soft so as to yield to the tread, adhesive and rotting. Nothing will grow in it. कार्रो kādo, करोर kadoï, or करहे kadaī, is mud in which crops will grow.

CHAPTER VI.—HIGHLANDS AND LOWLANDS.

790. Highlands, as contrasted with river valleys, are EVISTE uparwār in Patna and to the north-west, EVIF baharhhūm in South Tirhut, and EVITE uprār in East Tithut, South of the Ganges feete dihāns is used in Patna, zie tānr in Gaya and South Munger, Evif dīl in Shakabad, and Evif dīl in South Bhagalpur. In Hazāribēgh other names are Evite uchās and Evit dhībar. In South Munger are gād is the corresponding word for a lowland. Him ihāl or Tir chauār, or in Sāran Avē kāchh, is low marshy land. In Patna, Gaya, and South Munger it is Tie jāh. Him man is a large sheet of water of considerable depth, and in Tirhut Evi jān is similar but something smaller. Und khāl, Evit khalwa, or in the north-west water khalār or Evit khalhar, is a hollow with or without water.

CHAPTER VII.-RAVINES AND MOUNDS, &c.

- 791. Land cut by ravines and broken ground is বিহুত্ bihar or (in Gaya) বাৰ্ত্ত bihanr. In South Bhagalpur it is অহিন্ত arian. The elevated soil in the midst of ravines is হৈছ dhūh or হৈছা dhūhi in South-West Shahabad, তাল dīl in the rest of the district, হিল্পে tilha in Patna, Gaya, and South Munger, and হিল্পে tikkar in South Bhagalpur.
- 792. In Patna, Gaya, and South Munger ZEST tantua or THE nala is a ravine. The latter word is also current to the west, and is only used when the ravine is also a water-course. In the south-east the word is also danr. It also used in Patna.

Uneven ground is उभर द्वासर ubhar khābar to the north-west and in South-East Tirhut, and सद्धा matha or दावर dābar (also in Champaran), in North-East Tirhut. South of the Ganges we have जवर खावर ubar khābar in Patna, Gaya, and South Munger (also noted in Saran), उ दाव बेंगले khāl in Patna and to the west, जावर खावर बेंग्सिका khābar in Shahabad, and उच्ची uchli in South Bhagalpur. A high river bluff is ज्ञारा karāra, ज्ञार arra, ज्ञार arār, ज्ञार arāri or जावर kachār or कहाड़ा kachāra. Other names are दाह dhāh (north generally) and कॅगनिया kanganiya (North-East Tirhut). The sloping bank of a river is in Shababad तरस्वाद tarsivāi, and in South Munger तरी tari.

793. A mound generally is তিত্য tilha, or in South Munger তিত্য হান্য tilha tākar. In South-West Shah bad it is চ্ছ dhūh, চুহা, dhūhi (also Saran), তাল dīl, or ভাজা dilla, in the rest of that district তিয় tipur, and in South Bhagalpur তিলাই tikor or তিলাই tikkar. In South-West Shahabad মহম্ম patpari is a hill with a flat top. The sites of ruined villages are ভাছ dīh; also দাহা bhītha in South Munger. The sites of old villages are often covered with potsherds, hence such sites are also called তিলাই thikrahu in Patna, তিলাইল thikraul in Saran, তিলাইল thikariya to the east, দালিতাই jhiktaur in Patna, Gaya, and Champāran, মলভাই sikraur or মেলাইছ jhiktaur in Shahabad, and ফিলাইলা jhiktiya in South Bhagalpur, the words for potsherds being ফোরা jhikta, মিলাই jhikti, or তালাই thīkar or তিলাইছা thikra, also ভিলাইছা tikra in Shahabad and মেলাইল jhikta to the west.

CHAPTER VIII .- STONY SOILS.

794. Gravelly soils are बंदा हो kankrāhi in Saran and Patna, आ कहें स ankrail in Saran, and अंदहीर ankraur to the west. Gravel generally is in Patna and to the west आंकह ānkar, and to the east गाइट gangat; also everywhere बहुड़ kankar. In Champāran and Tirhut it is इंकड़ो inkri, and in Champaran and Gaya किकटी jhikti or गाइंकट garāngat. Coarse gravel is in Shahabad आंकड़ा ankra, and fine आंकड़ो ankri. To the south-east it is गाउटा gangta and गाउटो gangti. Soil mixed with coarse gravel is गाउटा gangtiyāha in Patna Gaya, and South Bhagalpur, and गाउटाहा gangtāha in Patna and South Munger. चटान chatān is a hard rocky soil. Other names are होइर dohar in South-West Shahabad, and पर्योहर pathrehar in South Munger. Soil mixed with coarse gravel is also किकरोडिया kankrotiya, and hard rocky soil पर्योटी pathrauti in South Bhagalpur.

CHAPTER IX.—CULTIVATED AND WASTE.

- 795. Classifying soils according to cultivation, we have cultivated land known as अवाद abād or अवादी abādi. It is also known in the south-east and Gaya as पह pah, in Patna as खील वेटाओल khil baithāöl, and Shahabad as खिलमार khilmār.
- 796. An inhabited village is वस्ति basgit or वस्ती basti, and a deserted village वे ऋष्ण be chhappar (unroofed), and also in South Munger निचानी nichirāki (without a light) and in Gaya दमका damka. Other names for the latter are उजड़ ujar, उनस्त ujral, उनाड़ ujār, उनड़ा ujra or (optionally in Tirhut) डीइ dīh.
- 797. Waste land is ঘ্টান parit (Patna, Gaya, and South Munger) or ঘ্রী parti. Land which has accidentally gone out of cultivation is specially ঘ্টার pirit in Sāran, ঘটারা parāta to the north-west, and ঘটার parānt or ঘ্রা parta in North Tirhut. Waste land broken up for the first time is ভাল khīl, or in the south-east দুখার kurdo, ভিলমত khilkat or ভিলমতা khilkatti. In Tirhut it is also called ভিলমত khilmār. The second year after it is broken up it is ভৌল khil to the north-west, ঘট pah in Tirhut, Shababad, and the south-east, ফানিল kunil in South Bhagalpur and ঘৌত pauh in Patna and South Munger: The third year it is called ভিল khet or (in Champāran) ঘটা pahi, and North-East Tirhut ঘট pah.

CHAPTER X.—FALLOW.

- 198. Land left fallow for sugar-cane from the previous spring harvest till the season for sowing the cane is called महार maghār, &c., see § 805. Land left uncropped in the autumn harvest and ploughed during the rains for the cereals of the spring harvest following is चौमास chaumās, and to the west also पिन्स palihar. Those lands on which a spring crop is sown without any interval after the autumn crop is cut are called नारो nāri in Patna and South Munger, and नारो jari or नारो दिन jari khet elsewhere south of the Ganges and in Sāran. Waste lands which are ploughed up during the rains and cold weather and sown in rice at the commencement of the next rainy season are called दोना चौमास dotra chaumās in North-West Tirhut, नानोंड gajānr in South-East Tirhut, निर्देश birār in South-East Bihar, and क्रिकेट kulhar in the south-west.
- 799. Lands left fallow for a time to recover their strength are utal parti generally. Other names are utal parta in North-Tirhut

and चांच chānch or पढ परतो pah parti in South Bhagalpur. Land which never lies fallow is अवार abād or अवारो abādā. Another name is उत्तो uthti in Champāran. North of the Ganges रही rulli or (to the east) रही runni is poor light land which requires to be left fallow for a year or two. It also means land which has lost its fertility. Other words in use are क्ष्यं jhūs and हज्ज haluk to the northwest and in Patna, क्षें ह chhānchh in Gaya, बाराह bangrah to the south-west of that district, तिजया कोटी tiliya korhi in South Munger, and अवगो algi in South Bhagalpur.

CHAPTER XI.—RICHNESS AND POORNESS OF SOIL.

800. बरियार bariyār or महा gahra, or in South Munger जैयह jaiyad, is the general term used for rich soils. Others are जीगर jīgar (Patna) and जीखा chokha (North-West, Gaya, and South Munger). Poor soils are चुन haluk (North-West Bihār), जनी runni (see § 799), तपनाष्ट tapnāh (North-East Tirhut), and उस thas, अव्वर abbar (also in Chāmpāran), or उसट usath south of the Ganges.

CHAPTER XII.—IRRIGATED AND DRY LANDS.

801. Land artificially irrigated is परीचा patana or परीई patani to the west. Other local names are uziff patouna South-East Tirhut, * and पराञ्जीत patāöl North-East Tirhut and परहुद्याँ patahuāñ in Shahabad. In Gaya it is इष्टिसेट hathghiset, and in South-West Shahabad भरें या bharaiya. Land irrigated from tanks or ponds is छानन chhānan in Saran and Patna, wit phor in South-West Shahabad, and elsewhere south of the Ganges मेलवानी melwani or (South Bhagalpur) मेलानी melāni or व्हिटा chitta—Irrigation from walls is कुँड्गि चास kunriya chās in South Bhagalpur. When irrigated from wells it is मोटवाही motwahi to the west. Un-irrigated land, or land which does not require irrigation, owing to its being, or its capability of being, flooded is अपरा apta. If watered after ploughing, it is व्हिंशिकनी chhirikni to the west, पचीचाँ pachauan in South-West Shahabad, and united panaula in the rest of that district. निप्रानियाँ nipaniyan are in l'atna unirrigated crops. In South Munger lands which require irrigation are सना runa, and there and in Saran those which produce crops without irrigation are sast halki.

CHAPTER XIII.—LANDS WHICH RETAIN AND WHICH DO NOT RETAIN MOISTURE.

802. This is the division most common amongst natives themselves. The moisture in land is ছाल hāl. Land which does not retain it is बांगर bāngar, and that which does is भीड bhīth, or in North Saran भाउ bhāth. Under these divisions come other subdivisions, such as बल बा बांगर balun bangar (which is sandy), मिटियार बांगर matiyār bāngar (which is clayey), and so on, and बल बा भीड balun bhith, मिटियार भीड matiyār bhīth, and so on. Crops on bāngār lands cannot be cultivated without irrigation, and the expense of cultivation is therefore greater, but the yield more than compensates the outlay, being a third, and sometimes double the amount of bhīth produce. The latter lands are sometimes irrigated and sometimes not.

CHAPTER XIV.—LANDS BEARING A SINGLE AND A DOUBLE CROP.

803. Lands which produce only one crop in the year are एक्पासिका ekphasila or एक्पासिका ekphasila. In Champaran they are called एक्पासिका eksaliya. चीनास chumās lands (also called पालहर palihar to the west) are kept free from crop during the rains, and tilled for the cold weather crop. Lands bearing two crops in the year are रोपासिका dophasila or रोपासिका dophasili, or in Champaran रोपासिका dosaliya. In South Bhagalpur they are रोगासिका dosāl. Land on which crops are grown all the year round is विनयसिका tinphasila.

CHAPTER XV.—TERMS USED IN CONNECTION WITH DIF-FERENT CROPS.

804. The following terms are used in connection with different crops.

805. Sugar. cane.—Land prepared for this crop is उद्धांत ukhanw or उद्धान ukhāo. Land constantly ploughed for cane or any other crop from Asārh to Māgh are मदात maghāt in South-East Tirhut, मधार or मदार maghār in Sāran, Patna, and South Munger, मद्दा mughra in Gaya and the south-west, and महुआ maghua in South Bhagalpur. Land under cane is उद्धारी ukhāri in Shahabad. जउद्दा iathahan in South Munger is land cropped in the previous year with cane.

806. Cereals.— External harjinsa are those lands which grow. all crops except transplanted rice.

- 807. Garden crops.—Land suited for growing garden crops is লামা korar in Patna and to the west and লামিয়া koriyār in Patna and Gaya. Other names are লামাই korant (South Tirhut), লামিয়া kairiyār (Shahabad, লামা bāri in Tirhut, and লামহানা latihāni in South Munger. These names apply rather to the use to which the land is put than to the kind of soil, most of them being connected with the word লামা koïri, which is the name of a well-known caste of garden cultivators.
- 808. Cotton.—In Shahabad the following kinds of land are suited for the various kinds of cotton:—

Cotton.			Land.
(1) रिंड्या rarhiya		*()	करेल karail.
(2) वंड्छर bunrchha	* ***		कोडार korār.
(3) Fact henwti			वरियार bariyār.
(4) Haai manwan		• • •	नद्वांची nadwansi.

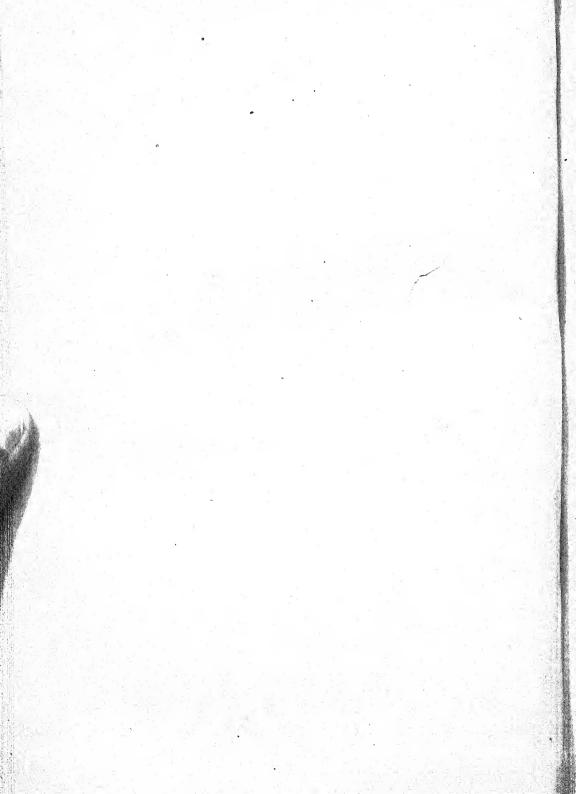
- 809. Pulses.—Land under gram is called चैता charta in South Bhagalpur.
- 810. Maizes, millets, &c.—Land under these crops is that doturn north of the Ganges. The word means properly land in which both a rainy season and a cold weather crop can be sown.
- 811. Spring crops.—Light friable soil suitable for these crops is called মীত bhīth or মীতা bhītha, also in Gaya মিতায়ে bhithāra. See, however, § 802.
- 812. Rice.—Rice land is धनहर dhanhar. In Gaya it is called धन-क्वियारी dhankiyāri, and in South-West Shahabad धनखर dhankhar.
- 813. Land under trees, brushwood, &c.—Forest are बन ban or जङ्ग jangal. I grove is बमेचा bagaicha or माही gachhi. बाम bāg is a garden, and बमिया bagiya an orchard. पुजवारी phulwāri is an orchard, enclosed, irrigated, and stocked with fruit-trees. A खाने बाम khāne bāg in Champāran and Patna or नजर बाम najar bāg in Gaya and Shahabad is a grove attached to a shrine or other building, and growing flowers as well as fruit.
- 814. A mango grove is आम के बाँचा केन ke bagaicha, or in Tirhut गाछी gāchhi; a clump of bamboos is बांच के कोटी bāns ke kothi in the north-west, उंधवारी banswāri north of the Ganges generally, and in the north-west, उंधवारी banswāri north of the Ganges generally, and in the north-west bānsak bīth in North-East Tirhut. In Patna it is बसेंड baser, बांचक बीट bānsak bīth in North-East Tirhut. In Patna it is बसेंड baser, in South-West Shahabad वंधवार banswār, and elsewhere south of the Ganges व्याप्ट basār. In South Bhagalpur it is also called बोटो bito or Ganges व्याप्ट basār. In South Bhagalpur it is also called बोटो bito or

वरो bero and in Tirhut छोंघ odh. A young grove of fruit-trees is मह्लो gachhuli north of the Ganges, also नौराष्ट्री naurāhi in Champāran, नरोइ naroï in Champāran and Tirhut, and लग महलो lab gachhuli or नव महलो naw gachhuli in Tirhut. Another name is नव पेटा naw pera. South of the Ganges it is लोगाह्रो laugāchhi or नौगाह्रो naugāchhi to the south-east, केटनारो kerwari in Shahabad, नरोइ naroïn in Patna and South Munger, and नौकेटा नमेंचा naukera bagaicha in Gaya. A belt of trees on either side of a road is पाँची pānti or पंतियारो pantigāri, and also राखराँन lakhrānu to the west and पाँचा pānta in Tirhut.

815. Land producing brushwood is ATTT jhara (Saran and Patna) or बन किन्ती ban chlihuli (South-West Shahabad). Brushwood is ATT i jhar, ATET jharha, or to the north-west and in Patna and South Munger भार ihūr. Small stunted brushwood is भावनी ihakhuli or भावनी jhakhuri north of the Ganges and in Patna, Tin raunji in Patna, and भारकारी jharkanti in South-West Shahabad. Land producing tall thatching-grass is aclt kharhaur or acla kharhaul, or south of the Ganges खरहर kharāhur. Other names are सुचवानी mujwāni, कंडबार्नी kānrwāni in the north-west, and Respiration munjwan in Shahabad. In South Munger it is ata kharaitha. The principal of these grasses are पटेर pater, खर khar or खर्द kharai रारी rari, डाभी dābhi, इक्कर ikkar or इकरो ikri, मूज munj or भाजाच jhalās. Of the last, मूज mūnj is properly the bark used for making string, many jhalas the leaves used for making rough thatches, काँडा kāñra the stout lower part of the stalk used for roof-thatching, and teral sirki the udper or reed part used for making sieves and mats. Reeds are नर्कट narkat, and the land producing them is नरकान narkan in Champaran. Land producing brushwood is Atel jhanti in South Bhagalpur.

CHPTER XVI.-LAND IMPREGNATED WITH SALT, &c.

816. Land impregnated with impure carbonate of soda रेष्ट (reh) is असर ग्रेडिंग or उसार ussar. Other names are रेष्ट्रा rehāh or रेष्ट्रा rehār (East Tirhut) and रेष्ट्रा rehra (Patna, Gaya, and South Munger). खारो khāri or (South Bhagalpur) खारा kharwa is land impregnated with sulphate of soda. नीनी noni south of the Ganges is land impregnated with common salt. Other names are नीनियाद noniyah, नीनियारी noniyāri and नीनस्राष्ट्र nonchhorāh. In South-West Shahahad चाँप chāmp, and in the rest of the district चाँदिस chāndil, is असर फंडबर land, in which spots of good ground are scattered.



GENERAL AGRICULTURAL OPERATIONS.

SUBDIVISION I. PLOUGHING AND HARROWING.

CHAPTER I.-PLOUGHING AND HARROWING.

- 817. To plough is द्वा जीतन har jotab, द्वा न्व har bahah, or द्वा चलाएन har chaldëb. द्वा नामन har nādhab is properly to yoke the oxen to the plough (also called जानी larni in Champaran and South-East Tirhut). Other expressions for ploughing are निराचा के धान sirāur ke dharab or चिंदा के जीतन sariya ke jotal in Champaran, पेस धान pais dharab (or पुरस धान puïs dharab in North-East Tirhut) in Champāran and Tirhut, and दिवा घरेचान dahin dharab in Champāran and South-East Tirhut. One ploughing is चास chās, and in Gaya and to the west also नाँच bānh: thus, एक नाँच ek bānh the first ploughing, दो चाँच do bānh the second ploughing, and so on.
- 818. The first ploughing is called पाँचल पास pahil chas or पानी pharni. In Gaya and Champaran it is पारन phāran and in South Bhagalpur इर समीध har samaudh. Lands sown after a single ploughing are मोनीजा bhokaua in the north-west and जीता वावम jota bāwag in Champāran and Tirhut. मचाइ जीतव maghār jotab is north of the Ganges and in Patna and Gaya the ploughing in the month of Māgh (January-February) of lands intended to be sown at the next rainy season. In East Tirhut and Champaran this is also called पीमाँच जीतव chaumāns jotab. In Gaya and Champāran it is also मचड़ा चास maghra chās, in Shahabad मचवट maghwat, and in the south-west of that district क्राच्य kulhar. In South Bhagalpur it is माची चास maghi chās, and in South Munger मचाइ maghār. The field which is thus ploughed is विद्या birār to the west and south and पह pah also south of the Ganges and in Champaran. North of the Ganges it is called चौमाँस chaumāns.

- 819. The second ploughing is दोखार or दोखाड dokhār. In Gaya and Champāran it is also called पुरवे purwe. Other names are सोमरा s.mra to the north-west and समार samār in North-East Tirhut दोहार dohār in Champāran and North-West Tirhut, and दोहरावन, dohrāwan in South-West Shahabad; and the same names are also applied to the field so ploughed. In the south-east the second ploughing is called चास chās, दोखार dokhār being the third ploughing.
- 820. The third ploughing is तेखार tekhār and also (in Champāran) तेखरा tekhra. To the west it is also तेहरावन tehrāwan. In the south-east it is दोखार dokhār. The same terms are used for the land so ploughed.

821. The fourth ploughing is in East Tirbut and Gaya चौढार chaukhār, and in Shahabad, Gaya, and South Bhagalpur चरचरो charchasi. Elsewhere it is चार चार chār chās; so also the land so ploughed.

822. The fifth ploughing is पानचास pānchās.

823. The phrase used for successive ploughing is ছক বাৰ ek chās, হ্বাৰ du chās, and so on. Theoretically there is no limit to the number of ploughings required for some crops, as is shown in the following rhyme current in Gaya:—

सी चास गगडा, पचास चास मगडा, तेकर आधा मोरी तेकर आधा तोरी Sau ch**ās** ganda, Pachās ch**ās** manda, Tekar ādha m**ori**, Tekar ādha tori.

—A hundred ploughings for cane, fifty for wheat, half that (25) for rice, and half that (121) for oilseeds.

- 824. The ploughing of millets, when they are about a foot high, is बिहाइ bidāh, a local variant being बिहहनी bidāhni in Champāran, West Tirhut, Patna, and the south-east. In Gaya and Champaran it is कोडन koran, and in South Munger, when hoeing is substituted for ploughing, it is कोडनी korni. When a rice-field is flooded and then ploughed to kill the weeds, the process is called बेन leo in the north-west, बेना lewa in Gaya and काही kado or कहना kadwa to the north-west and in Tirhut. In North-West Tirhut it is called मचाइ masāh.
- 825. In Saran and Champaran ploughing with a plough of which the block is new and full-sized is नवटा के जीत nawtha ke jot, and

with one which has a small worn block खिनौरो के जीत khinauri ke jot. In Tirhut and also in Champāran the corresponding words are respectively जनता के जीत lawtha ke jot and उँडा के जीत thentha ke jot and in Shahabad नवहरा nawahra and खंटेहरा khuntehra.

- 826. In rice cultivation, after sowing, the field is lightly reploughed to clear the weeds and cover the seed. This is called ভনাই unāh to the north-west and in North-West Tirhut, মানহ gajar in the North-East Tirhut, and ভাষাহ samār in Champāran and South-East Tirhut. In Patna it is ভাষাই samāh, in Gaya বিহাই birāh, to the west and in Patna and Gaya বিহাই bidāh, and in Champāran and to the south-east বিহুহনী bidahni.
- 827. The small pieces of the field which the plongh has not touched are ঘূৰ pais in Champāran and South-West Tirhut and মুহৰ puis in North-East Tirhut. In North-West and South-East Tirhut and in Champāran they are হছিবা dahina and in South Bhagalpur হাৰে ছাল ukhar hāl, and in Sāran and Champāran ছুহল তাল chhutal khet.
- 828. Cross-ploughing is झारा āra, or in Champāran and South Bhagalpur आर ar, and in South-East Tirbut समार samar. When a field is ploughed round and round in constantly diminishing circuits it is called चौकेटा chauketha or (in Patna) चौएठा chauetha, आरी चास āri chās in Gaya, चौनमली chaubagli in Champaran and Gaya, and चौगादिया chaugathiya or चौक chauk to the west. In Saran and Champaran it is चौगड chaugeth, in South Munger भौरिया bhaunriya, and in North-West Tirhut चौकर chanker. The centre plot in the middle. round which the bullocks have no room to turn, is called attit badhar and this is furrowed by taking the plough across it diagonally from corner to corner. Ploughing from corner to corner is क्रोनिया जीत konina jot or कीन kon, also कोनसी konsi in South Munger, कोनसिया konasiya in Champaran and South-West Tirhut, कोनी koni in Gaya, and कोना कोनी kona koni to the west. When a crookedly-shaped field has to be ploughed, it is called जना चोड़ी जोत una dyorhi jot in Saran and Patna and जना डेटी जीत una derhi jot in Champaran. When a rectangular field is ploughed straight along its length or breadth, the ploughing is called बोम्नीचा जोत sojhana jot. Other names current are जमती lamti in South Bhagalpur उद्दर tharhain in Patna and Champaran and उदिया tharhiya to the west. Ploughing breadth-ways is पानी phani in Saran and North-West Tirhut, weat phatki in Champaran and the south-east,

जना पानी ana phani in Patna, पंट्या phandiya in South-West Shahabad and in South Bhagalpur महो जीन mando jot or चौमखी chaumandi.

829. The following rule is current in North-East Bihar as to ploughing and harrowing:—

थार जोतिहर बहुत हैंगाइहर, जैंच के वैधिहर खार। उपने तर उपने नाहीं तर घारे दाहर गार॥

Thor jotika bahut hengaïha, unch ke bandhiha ar,

Upje ta upje nahīn, ta Ghaghe dīha gar.

—Plough little, harrow much, and have your field boundaries high If what should come does not then do so, you can abuse Ghāgh (who gives you this advice).

- 830. A harrow is हाँगा henga, &c., as described in § 30 and ff. To harrow is हाँगाएव hengāëb, हाँगा चलाएव henga chalāëb, or चौकी बुझाएव chauki ghumāëb. The act of harrowing is in Gaya पालट pālat.
- 831. The oxen attached to a harrow have various names. The one on the left-hand side is called . पंचीट panchaut or झड़्इहिन। Lurdahina, and the one next to him हथीआ hathaua. The right-hand ox is भरा phera, or in South Munger भड़नी bhasni.

CHAPTER II.-FIELDS.

832. A field is खेत khet. Other names also current are टोपरी topri and unit pari south of the Ganges, Zium topra to the west, and size dabar in Champaran and Gaya. In South Bhagalpur the words बारी bari and बहियार bahiyar are used. Beds made in a field to facilitate irrigation and for other purposes are कियारी kiyari, and also in Champaran चड़ारी gharari, in Patna and to the south-east गंडारी ganrari, and in Gaya Tert! genrari. Similar beds in a sugar-cane field are called sidi aidi hāta wāla to the north-west and in Gaya and North-West Tirbut, and mit jhor or with ihora south of the Ganges. In the north-west it jhora is the large bed, and so also are पस्टा pahta in Gaya, Saran, and Champaran, परिया pariya in South-West Tirhut, इवन dawan in Champaran and North-West Tirhut, and कियारा kiyara or मेर bher in East Tirhut. The raised banks between the irrigation beds are the menr in the north-west and sale ar in Tirbut. In Shahabad, Patna, and Gaya they are attal karha, and in Patus and Gaya wern panrys, in South Bhagalpur unin palanga,

and in South Munger and daug. North of the Ganges a plot marked off by a boundary is ছাৱা ৰাজা hata wala in the north-west and South Munger and करकी बाला chharki bāla in East Tirhut. The small patch of ground adjoining a house is की जा kola, की जी koli, or की जवाद kolwai to the north-west, and बारी bari in Champaran and Tirhut. कोसा kola also obtains in Shahabad and the south-east. In Saran and Patna it is at khand or the khanr (which properly means a ruined house), and in Gaya चेवारी ghewāri. Other optional names are मसी galli in South Bhagalpur and कोनासी konāsi in Shahabad. When the fields of one proprietor's share are scattered over a village, each is called again takhta or family kitta. 'The whole cultivation of such a proprietor is called बेतो बारी kheti bari to the west and in Tirhut; also खेत बघार khet badhār in Shahabad and Patna, and खेत प्यार khet pathār in Champāran and South Munger. In Patna and Gaya खन्स khandh, खन्मा khandha. किता kitta or किता kita, is a large area of cultivated land. A division of this is will khandhaut, which is again divided into fields.

CHAPTER III.—BOUNDARIES.

833. The low ridge which forms the boundary of a field is everywhere आर ar, आरि or आरी ari, as in the provorb आरि आई ति कपार जाटी, बीच बङ्गा चरवाही, ari jai ta kapar lathi, bich banga charwahi, -if you go on a field boundary have a stick (to protect) your head, (and then) you may graze your cattle in the midst of a cotton-field. North of the Ganges it is also called sig danrer. Other names are sign ahri (see § 919), असङ्घ alang, or पराँड paranth in Patna, Gaya, and the south-west; पँरता panrga, गँड़ारी ganrari, आहल ail, or आल al in Gaya and South Munger, and six denr in South-West Shahabad. A ditch boundary is at khai, at khai, att khatta, or Giaf khawan. Another name is and khanta in South Bhagalpur. In Gaja district Since dobhra is a small ditch. An embankment used as boundary is अहरा ahra (see § 919) or बाँध bandh. Other names are भरवन bharban (Champaran), पूर dhur (North Tirhut), and इरकी chharki (South-East Tirhut). A place where three boundaries meet is तिनकोनिया tinkoniya, and where four meet चीमुख chaumukh, चौबटिया chaubatiya, or चौराचा chauraha. In Champaran and South-East Tirhut it is also चीपड olsupar.

834. The rural Bihāri lays great stress on the importance of keeping these boundary embankments in order. Thus, there is a

proverb टारिस युक्त बानर; आरिस युक्त किसान thārit chukal bānar, ārik chukal kisān,—a cultivator who neglects to look after his boundary embankments becomes like a monkey fallen from a branch. Another proverb which may be noted here is दित भासे, आरि कोड़ी khet bhase ari kori,—the field is flooded, out the boundary embankments, i.e., passion must have its vent.

CHAPTER IV.—FURROWS.

- 835. A furrow is द्वाद harāi to the west. In Champāran and Tirhut it is विराद्ध siraur, in Patna विरोद siror, and elsewhere विरोद siraur. In Gaya another name is चेवात sewat. मॉनिया jhanjhiya or भारी dhari in Gaya and Sāran, and चई ghaā in Patna and South-East Tirhut, are the deep furrows in a field in which extra crops are grown, especially those at the edge of the field, or running from corner to corner.
- 836. The de p furrow used as an irrigation channel is आरा ara in the north-west, पन pain or पैनि paini generally, दौरार daungar in South Tirhut, Patna, and Gaya, नारी nari or करहा karha to the west and in Patna and Gaya, भीता bhīta in East Tirhut, and दौरा daug in Patna and to the south-east.

CHAPTER V.—MISCELLANEOUS TERMS USED IN CONNEC-TION WITH PLOUGHING.

- 837. To the west साँसांचे sānjhle, संस्थित sanjhiya, and संबद्धार sanjhariya means 'up to evening' or 'at evening' and hence are used as adjectives with the word जीत jot to signify as much land as can be ploughed in a day. In Champaran and South Munger this is सगरिद्धार sagardina, and in Patna उन्हिंद्या thakhariya. The area ploughed in half a day is called होपहरिद्या dopahariya.
- 838. The portion of land included in a plough circuit is আঁমহ āntar, and also to the north-west and in North-East Tirhut ছাত্ৰা hattha and to commence another circuit is হাৰহ আঁমহ হাৰ dosar āntar diarab. The place where ploughing is going on is ছাৰোহী harwāhi in Patna and north of the Ganges. In Shahabad it is ছাৰাহী harwāhi. In Patna it is হাৰ্য topra, and generally ছাত্ৰা haratha.
- 839. The first ploughing of the season is हरमहतर¹ harmahutar in Saran and हरमोहतर harmohtar in Patna and Gaya. It is also समहत samhut, and to the north सिर्णेचमी sirpanchmi or सिर्णेचमे

^{1.} Derived from the Sanskrit " ছুহ (বা) মহুল " i.e., the auspicious moment

sirpachaī, both the last two terms being derived from the festival of the srī panchanī. In South Munger it is हर महन्तर har mahantar or हर समत्र har samat, and in South Bhagalpur चोमाता somata or हर समीध har samaudh. Another name current in Sāran is हरवत harwat.

- 840. The bringing home the plough on the back of a bullock or with the share over the shoulder is इरख्यों harkhuli, इरखोशिया harkholiya, or इरख्या harkhūjal, and in South-East Tirhut (optionally) इरखानी harkhugāni. In South-West Shahabad it is इरख्या harkhutāo, and in the rest of the district and in Gaya इरख्या harkhutan. In Patna it is इरबिनार harbinār or इरजीखार harjoār, in South Munger and Champāran इरखोडानी harkholāni, and in Gaya, Champāran, and the South-East इरखोडी harkho i.
- 841. The bullocks which draw a plough or harrow are called বাবে barad, and to the west also ৰল bail. When it is wished to distinguish them specially from eart-bullocks, they are called in Champāran and Tirhut হতা বাই hattha barad, and to the north-west and in Gaya হালা বল harea bail. A lazy fat plough bullock, which sits down rather than work, is called লাচি korhi or unit parua, as in the proverb কাচি বাই ক উদাহি বছন korhi barad ken phephari bahut,—it's the lazy bullock that puffs and blows.

CHAPTER VI.—PLOUGHMEN AND AGRICULTURAL LABOURERS GENERALLY.

842. A ploughman is इरवाहा harwāha, and to the west also extended harwāh. In East Tirhut he is also called हरोरी harauri. His wages are called हरवाही harwāhi. An agricultural servant in general is महारा majūra or विवार banihār. An Agricultural servant engaged for the whole year is हर्वा harwar in Sāran and भारतीखा bharsaliya in North-East Tirhut, and one for the whole day is भारतीबा bharsaliya in North-East Tirhut, and one for the whole day is भारतीबा bhardāna. A ploughman who works for half a day is इपहार्था dupahariya or सामहित्या dopahariya, or in North-West Tirhut पहार्था dupahariya or who works on advances is आवड़ or आवड़ जन agwar (or agwarh) jan to the north-west, बाओंड saonkh in South Bhagalpur कमाह kamāi to the west, कमियह kamiyaī or कमिया kamiyān in Patna, Gaya, and South Munger, and बगुआ वन lagua jan generally. The last is usually the man who binds himself to work off a debt incurred. When a ploughman receives the use of a plough for one day in three instead of wages in cash or kind, he is called आविद्या angwariya

^{1&}quot; Har-Samat" is derived from the Sanskrit चुर (ख) चल्लू "Har-Sambat" i.e., the (commencement of) the ploughing year or season.

or অমব্যা agwariya, and to the west আঁবাৰ angwar. In Sāran and Champāran he is also called ইঘ্রা tepta (so also in North-East Tirhut), or বিষয়ে tisri or বিষয়ে tisariya. In East Tirhut a ploughman who works without advances is called ভ্রো uttha, as distinguished from ছযোৱা harwāha or ছানি harauri, who does take them. A ploughman who works for advances is ষামাৰ saonkh in South Bhagalpur.

- 843. In North-East Tirhut uz put or uzī uzī sāti pāti is the custom of a plough-owner employing two ploughmen for each plough each ploughman relieving the other at intervals of eight days. In Shahabed and Patna uzī harai is the custom under which every tenant lends his plough and bullocks to the landlord for two days in the year.
- 844. An agricultural labourer paid in kind is তা jan, also in Gaya and Champāran ভাগিমহা uphangiya, and in South-West Shahabad বনা bani. One who receives money is নীৰহ nokar, or in the north-west তানা jāna. One paid solely in cash is called বালে koranja to the north-west. In Patna, Gaya, and South Munger the prædial slaves who are attached to an estate, and cannot leave it, or marry. or in fact do anything without the consent of their landlords, are called বাহে naphar or কমিহা kamiyān; and food given to such is ইন্থ khaihan. A labourer who by custom works a certain number of days for nothing for Government (formerly, and for the landlord nowadays) is called বাহে begār. Payments made in kind to agricultural labourers are called বন ban, or in East Tirhut বাৰ bon. Advances to ploughmen are আনহ্ agwar in the west and আনহা agauri in South-West Tirhut. Elsewhere in Tirhut and to the north-west they are called হয় harauri, and generally বায়না lagua.
- 845. When there are spare bullocks in a field where ploughing is going on to relieve those that get tired, the boy who looks after them is called অৰ্বাছ anwah in East Tirhut; elsewhere he is ব্যাহা chrāwāha or মাৰ্থিয় gorkhiya.

CHAPTER VII.—RECIPROCAL ASSISTANCE IN CULTIVATION.

846. बहुँ या badlaiya and पजरा palta or पजरी palti are terms for exchange of labour for labour by agriculturists. To the west it is also called un painch, in Gaya बहुजी badli, and to the south

generally पाउँ pāëth. In East Tirhut another name is जनप्रा
janpaincha. The practice of two or more cultivators joining their
ploughs and ploughing together, first the field of one and then the
field of another, is called generally भाँच bhānj. Other names are
भागहरिया bhanjhariya and हर सहसा har sajjha to the west generally
भागितो bhanjauti in North-East Tirhut, हर भंग har bhanja in Patna
and to the north, हर पहरा har pahta in Champāran and Gaya,
भागित bhanjeth in South-East Bihār, and भाँची bhanjo in South
Bhagalpur. The cultivator in this case is भाँचा वाला bhanjo wāla,
or in Tirhut भंगित bhanjait. Another name current to the west is
स्थानारा angwāra, though this properly refers to the custom of paying
ploughmen (द्यानरिया angwariya, see last chapter) by lending them a
plough and cattle one day in three.

847. The work which one cultivator does for another in this way is called to the west \u00e4uz sapat.

SUBDIVISION II. MANURING.

CHAPTER I.-KINDS OF MANURE.

848. Manure is north of the Ganges खादर khādar, खदौड. khadaur. खड़ी khaddhi, or माँदौरा gondaura to the west, and भोजा goa, or करसी karsi to the east. South of the Ganges, to the west, it is चूर ghur, and to the east (also in Saran) मनौरा ganaura or मंदीरा gandaura मुद्दा kura, मूद्दा क्रासुट kura kurkut, बहारन baharan, or (in South-East Tirhut) जीनरीर gonraur, is rubbish or road-sweepings. Cowdung is. मोबर gebar. When dried it is called south of the Ganges डमारा damāra, of which a variant in East Tirhut is EHIT damār, also in Shahabad and Patna and kanda, and to the west a str kanrra. The latter term is also used in Saran. In North-East Tirhut it is inft gauthi, and in Champaran mot gauthi. In Gaya Wel phenti are pieces of dried cowdung. The chot to the west is the quantity that falls from an animal at one evacuation. Cattle urine is nia gaunt or nia gaut and to the west also मृत mut. जोइ lid जिही liddi, or जोही lidi is the dung of horses, elephants, &c., and that of sheep or goats is HEIE! bhenrari, भेनाड्डो bhenari, or (to the west) केंद्री lenri. Other filth of various kinds is मेचा maila, on in South Bhagalpur चिना ghina. The refuse of indigo after maceration used as manure is sith. Manure is also called TT hera in South Bhagalpur.

849. A manure heap near a house is देरी dheri, or (in East Tirhut) बोनर gonar.* North of the Ganges generally it is also मान man. A manure-pit is चूर ghūr, खार khād, or खार के गड़रा khādar ke garha. A heap of dried grass, sweepings, dung, &c., is in North-East Tirhut and Shahabad क्र kūr. Ashes are राख rākh or छाउर chhāūr, and in South Bhagalpur छोरो chhauro. In Patna and Gaya they are बानो bani. An ash-heap is in North-East Tirhut छोराउ chhaurāth.

CHAPTER II.-MODES OF MANURING.

- 850. Heavily-manured land is north of the Ganges खदीड़ खेत khadaur khet, or it is called मोनरायन gobrāël, or in South-East Tirhut भरन bharal. South of the Ganges it is खदीर khadaur, खदगौर khadaur, or खरिन kharit in Shababad. Heavily-manured land is also said to be पटाएन patāël north of the Ganges.
- 851. The custom of allowing cattle to stand in a field for the purpose of manuring it is called north of the Ganges मेंड्री व साम्रोल bhenri baisāöl or मेंड्री हिराम्रोल bhenri hiraol; south of the Ganges it is जिनगर होए जा पूर व साम्रोल jivgar hoë la dhūr baisāöl, and in South Munger they say खित गोनराव है khet gobrābe heñ.

CHAPTER III.-MANURE USED AS FUEL.

852. Manure collected in the forests and grazing-grounds and dried for fuel is called north of the Ganges कंड्डा kanera or कड़ा karea. South of the Ganges it is डमारा damāra or कड़ा kanda. In East Tirhut it is डमार damār, and to the west it is also called विज्ञा गोइटा binua goïtha. Another general name is वन गोइटा ban goïtha. When made up into cakes with chaff and other refuse, the large oblong block are called गोइटा gohra to the west and गोइटा gorha in Champāran and to the east. The next sized round cakes which are stuck on the wall to dry are गोइटा goīntha or गोइटा goïtha. The smallest cakes are चिपरो chipri. The largest-sized slabs made with both hands are दोह्या dohtha, or चोइटा sohthi. करसी karsi, or in Gaya and South Munger अमारी amāri

^{*} Compare for an example of this word the proverb गोत्रारक गोगर दुहु दिख

are unmanufactured lumps of dry cowdung dried and stored.

- 853. The pile of cowdung fuel is called to the west गोर्टीर gohraur or गोर्टारा gohraura. In North-East Tirhut it is गोरीर gothaur, in Champāran गोरीचा gothāula, and there and in Tirhut टाक tāl. It is इया chhūa optionally to the west, इसा chhūha or इसे chhūhi in Patna and Gaya इया इनना chhua chhanna in South Munger, and इनि chhāni in South Bhagalpur. The pile of the large oblong blocks is also called गोर्टा gotha or गोर्टा gorha as above. The house in which the fuel is storel is गोरीर gothaur, गोरीरा gothaura, or गोरीच gothaul generally; also गोर्टा gothaul in North-East Tirhut, गोर्ट्स gothāhul in Shahabad, and गोर्टा घर goïtha ghar in Gaya. The operation of making the cakes is पायन pāthab or पायन pāthal, according to locality, or else टीक्स thokab or दोक्स thokal. The place where they are made is north of the Ganges generally प्यारो pathāri. South of the Ganges it is प्रयोग pathraur in the west, आड़ा âra in Gaya, and पाँड्र pānrar in Patna.
- 854. In selling cowdung fuel a पन pan equals 20, 22, or 23 माडा ganda (i.e. fours), according to locality. In buying the article in Patna the seller gives two cakes extra (called a पनकी panki) for every पन pan bought.

SUBDIVISION III.

SOWING AND TRNSPLANTING.

CHAPTER I-SOWING.

- 855. Sowing is to the west ৰাম্বা boäni, and to the east ব্ৰেম bāwag, ব্ৰামা bāög, or ব্ৰেম bāüg. South of the Ganges, and also in Champāran, it is also ৰাম্বাহ boāi, or in Patna and South Munger ৰাম্বা bonn. In South Bhagalpur (and also in Champāran) the word is ৰাম্বা boani. To sow is north of the Ganges, ৰাম্বা boāl, ব্ৰেম কৰে bāwag karab, ৰ্বৰ būnab, or ৰ্বল būnal, according to locality. To scatter the seed is generally হিতৰ chhitab or হাঁতৰ chhīntab. In Patna মুলাছৰ chulāëb is also used in connection with Bhadov or autumn crops.
- 856. Seed is ৰ যা biya or ৰীছন bihan. In Gaya it is বিছনাহ bihnāi (also used in Champāran), বিহ্বা bichcha, or মাতা gota, and in South Bhagalpur বিনম্ভাছ binhāi. A grain of seed is হানা dāna

Barrne seeds are अब्बी abbi (or in Shahabad) अवर्ड awaī, and fertile seeds are सुन्ती suggi. Barren seeds are called कुट्यी kubbi in South Bhagalpur.

CHAPTER II.—MODES OF SOWING.

- 857. The following are the modes of sowing:-
 - (a) Furrow sowing.— ঘ্রো dhāri or ঘ্রিয়া dhariya. To plough in this way is धारी जगाएव dhārā lagāëb for धरियाएंव dhariyāëb. South of the Ganges this method is called चढकी chutki. In this method a plough goes in advance of the sower, who carries the seed in a basket. He drops it into the furrow as soon as the latter becomes visible. By this method the seed is sown deep, the stalk is stronger and not so liable to be laid by high winds. bhathāëb, दोधरिया dodhariya, दोचार dohār, or समार samār is the practice of filling up with soil the furrow in which the seed has been sown, by ploughing a separate furrow beside it. This is generally done in the case of Bhadoï crops. Sugar-cane is not covered in this way in Bihar, but by hand. The long straight lines of seed across a field are known as still dhari or utal pants. When the ploughing is done round a field, and not across, it is called चौनेटा chauketha, &c. (See § 828).
 - (b) Sowing by drill.—This is তাৰ tār, তাৰী tāre, তাৰ tor, তাৰী tori, often spelt তাঁৰ, তাঁৰ tāre, তাঁৰ, তাঁৰ tone, &c. To sow in this way is তাৰে tārab or তাৰ লমাত্ৰ tor lagāëb

 The man who works the drill-plough is তৰ্বাছ tarwah or তাৰোছ torwāh.
- (e) Broadcast sowing.—This is generally ব্ৰেম bāwag or its variants,—see above. Other names are ক্সিলা chhitta or ক্সিলা chhitta north of the Ganges, and ক্সিলা chhīnta south of it. Maize and similar crops are sometimes sown broadcast on land left soft after an inundation, and are then pressed into the mud by hand. This method of sowing is called ভাষা dobha, and to sow thus is ভাষৰ dobhab.

- 858. If the seed is sown on lands which have not been ploughed, it is called क्टा chhitta, क्ट्या chhitua, or south of the Ganges जंगली वानग jangli bāwag, पैरा paira (Gaya, also in Champāran), or पाएर pāër or समार samar (Patna and South Munger). कॉटा chhinta or test chhitta is also used to signify lands in which the seed has been scattered after a single ploughing. It is also specially used for sowing the spring (रनी rabī) crops on the दोष्रसिना dophasila lands, i.e. those from which the autumn crop has just been cut, as contrasted with the utage palihar or almis chaumas, which are carefully-prepared fallow lands for wheat and similar crops. The sowing of the early rice in dry lands is खरहर नानग kharhar bawag. North of the Ganges it is also धुरिया बाबम dhuriya, bāwag. South of the Ganges it is in Shahabad and Patna BEET tharra, in the rest of the district खरनाह kaarwah, in Gaya खरने ह kharweh or खरने kharwe, in Patna बीचा baugha, and in South Munger ध्रमुस्सा dhurghussa. In Patna and Gaya sowing in a wet field is called day lewa. Sowing wide apart is generally utat patar. Other names are (north of the Ganges) फकाच phakah or फाँफर phanphar to the west and केहर chhehar or पेरसार nermar generally. South of the Ganges we find utur pathar in Gaya. पत्रका patla in South Munger, and पत्रोल patel in South Bhagalpur, the last two being also met with in Champaran. Sowing thick is generally वन ghan, बाद garh, or बादा lgarha, North of the Ganges सनोर sajor is used in the same sense.
- 859. Grain that fails to germinate is ग्रब् वी abbi, निर्वीच nirbij विज्ञार bijmār, or बीयासार biya mār. In South-West Shahabad it is वर्षा barua and in South Bhagalpur कुन्ती kubbi. If a man wishes to say that his seeds have not come up, he says इम्मर विद्वाद मार्च गेन hammar bihnāï māral gel.
- 860. When from excess of rain followed by heat a crust is formed on the surface, which 'prevents the young plant from coming up, it is called to the west स्पट जाइल sapat jāil or स्परा साइल sapta jāil. In East Tirbut and Shahabad it is called पपरो papri. South of the Ganges it is जाना tāwa to the south-west of Shahabad, or सन्दा sewtha in the rest of the district and in Patna. Elsewhere it is सन्दा sewta or सन्दा munda.
- 861. Self-grown seed.—Seed which falls on the ground in the field at harvest time, and which germinates next year, is called जमेरा lamera in the west, नम्हरी namhero in Sou: Bhagalpur, and नम्हर namher, जमहर lamher, or जाम lam in South Munger.

CHAPTER III.—SEED-BEDS AND NURSERIES.

862. A nursery for rice is বিভাব birār or বিষয়ে biyār. To the west it is also বঁমা benga and in South Bhagalpur বিষয়ে bichra or বিশ্বনা bichra or বিশ্বনা bichra. The young plants which are transplanted from the nursery are generally বীষা bāya or মাহ্লী gāchhi. They are also called বীহাৰ bīhan or বিশ্বনাহ bihnāï. South of the Ganges and to the northwest (when of rice) they are also called মাথা mōrī, and in Champāran কাই jaraī. The bundles of rice seedlings ready for transplanting are আঁটা anti or অভিযো antiya.

CHAPTER IV.—SOWING TIME.

863. The sowing season is ৰীঅনী boani north of the Ganges and নীমহা bogha south of it. It is also generally called ৰান্ম bawag.

CHAPTER V.-TRANSPLANTING.

864. To transplant is दोष्य ropab. In Gaya when a man has finished transplanting he says हमार बर्गार भेज hammar banusār bhel,—'I have finished transplanting,' the quantity of rice seedlings transplanted at one place being called everywhere except in the south-east बान bān. A bundle of seedlings is बाँटो ānti, and the man who plants them is called दोभा dobha or रोपनिहार ropnihār. The bundles are tied in pairs and set astride over a long bamboo when carried about This bamboo is called to the west विद्वार्था bihandhoa or बनाउ kanāth. The man who roots up the seedlings from the seed-bed is called कार्या kabariya, or in Sāran कार्याहा kabariha. In South Munger he is also called बार्या morkabra. Seedlings which have been re-transplanted, i.e., transplanted more than once, are called north of the Ganges खार khāru or खरून kharuhan. The bamboo on which the seedlings are carried is called याद्वी dharangi in South Bhagalpur.

SUBDIVISION IV.

DIGGING, HOEING, AND WEEDING.

CHAPTER I.—DIGGING.

865. To dig is কীৰ্ৰ kōrab. In Champāran and Tirhut it is also নামৰ tāmab or আৰে pārab. In South-West Shahabad it is ইপ্ৰ

chhejal. Digging is कोइनी korni, also in Champaran and Tirhut समनी tamni, in Patna, Gaya, and South Munger निकीनी nikauni, and in South-West Shahabad इंजनी chhejni. In South Bhagalpur it is कोइन koran or खंड khanr. In Saran and Champaran मोइट gohat is digging or hoeing the edges of fields. In Tirhut this is called आदि इंटन ar chhāntab.

CHAPTER II.—HOEING.

866. Hoeing is खरिपयाना khurpiyāna to the north-west. In Champaran and in Tirhut generally it is करोनी karauni or कमेनी kamaini. South of the Ganges it is कोइनी korni, or in South-West Shahaba इंजनी chhejni. In the month of Asārh (June-July) sugar-cane gets a special hoeing, which is called अवादी कोर asārhi kor, and in Champāran and North-East Tirhut टोक्स tokab. In Gaya it is called पासा pāsa, and in Patna अवादी कोइन ashārhi koran. In Champaran and the southeast it is अद्रा कोरन adra koran, and elsewhere it has no special name. The first hoeing of the sugar-cane crop, which generally takes place in Māgh (January-February), is called अवेरी कोरन andheri koran in Patna, चालन chālan or उभलान ujhlan in Gaya and to the west, अवेरी andheri or भाइनी jkārni in Sāran and South Munger, and भूरनी jhurni in South Bhagalpur. North of the Ganges it has no special name. Hoeing is called क्योनी kelauni or कमीनी kamauni in South Bhagalpur.

CHAPTER III.-WEEDING.

867. Weeding is करोनी kerauni or कमनी kamaini north of the Ganges. In the west generally it is सहनी sohni. Elsewhere it is generally कोड़नी korni, and also इस्बी harkhi in Patna and उभाजन ujhlan in Gaya and Shahabad. In South Bhagalpur it is optionally केंबोनी kelauni, or कमोनी kamauni and करोनी kerauni reappears again in South Munger. To weed deep is भर खरणी सीहब bhar khurpi sohab; also कोड़ देव kor deb to the north-west and in North-West Tirhut, and खामज khābhal in Saran and Champaran. In Patna the operation is called विसमारी bismādi, and elsewhere it has no special name. Superficial weeding is खरणियान khurpiyāna in the north-west and निकाबन nikāwan in the south-east. In Champaran and Tirhut it is called दिणकी tipni. The digging up a field to clear it of weeds before ploughing is जामन tāmab, also in North-East Tirhut रोकन tokan. The operation is called तमनी tamni, or in North-East Tirhut

टोकनी tokni. Weeding by hand is चिख्रनी chikhurni in the northwest and उद्ध्रनी uchhtani in Champaran and Tirhut. In Patna, Gaya, and S outh Munger it is हांच में निकासन hanth sen nikāëb, and in South Bhagalpur चन्नाई thakurai. In Shahabad it has no special name.

- 868. Weeds are चास ghās or चास पात ghāspāt. In the northwest they are also इसदांदर dūbh dāndar, and in Tirhut भू dhū. When collected and burnt as manure, they are खाद्र khādar in the northwest, and गोद्धा goa there and in Tirhut. In Patna and Gaya these are खाद्र alāh or डाही dāhi, ह्रा hūra in South Munger, and हारो chhāro in South Bhagalpur.
- 869. Wages for weeding are बोहाइ sohāi or चिख्राइ chikhurāi in north-west, and in the east generally simply वन ban. In Patna and Gaya they are निकानी nikauni, in South-West Shahabad बनी bani, and to the west generally विनहारी banihāri.

SUBDIVISION V.

WATCHING CROPS.

- 870. Watching of crops is generally खनारी rakhwāri, आगरो agori, or आगरिया agoriya. Other terms are खनाही rakhwāhi or नसम्बी babrakkhi in Patna, जानारी jagwāri or नमनाहा hadhwāha in Gaya, नमनार badhwār in East Tirhut, and जागाएन jogāeb in Champāran and South Bhagalpur. In Champāran and the south-east हाँकी hānki is to drive crows off a field. Elsewhere it is कौआ हां कन kaua hānkab, &c. A field-watchman is खनार rakhwār, आगरिया agoriya, or आगरिनहार agornihār; also नजरम्हा balrakha in Patna, आगरा agora there and in Champāran and South Munger, जानिया jagwariya in Gaya, and जोगनिया joganiyān in South Bhagalpur. The नमनार badhwār or नमनारा badhwāha is generally a man appointed to watch the fields of a number of cultivators and paid by the landlord.
- 871. In the north-west इंजिन्सर chhenknihār, and in North-East Tithut चन्ने बेदार chakledār, is a man appointed to watch on behalf of the landlord to see that none of the crops is carried away before the demand is paid. Elsewhere he is simply called पियादा piyāda or बराइन barāhil, but to the south-east he is चिरमान sirmān or बचान्सा balrakkha. To attach the crops thus is called रोजन rokab: hence the

Anglo-Indian phrase "to roke crops." The act of "roking" is called in the north-west styll chhāpa.

872. When cultivators club together to watch their crops in turn, it is called north of the Ganges ulti pāri, মাল bhānj, or মালা bhānja. It is also ঘলতা paiti in Patna, Gaya, and the west; also ঘহিছে parihar in Patna and Gaya, ঘটা pethi in South-West Shahabad, and ঘাতে pāēth in South Munger.

SUBDIVISION VI.

REAPINGIAND GLEANING.

CHAPTER I.-REAPING.

- 873. Reaping is कटनी katni, or to the north-west कटिया katiya In South-West Shahabad it is जीनी launi. To reap is काटन kātab, or in South-West Shahabad जीनी करल launi karal. To cut cane is छोजल chiolal in the north-west, गेंड्रा करल genra karal to the west, पारम pārab in Champāran and Patna and Gaya and South Munger, and द्वर जाटन ghūr kātab in South Bhagalpur. Cane cutting is प्रतीर पारम pataur parab in South Bhagalpur.
- 874. The man who cuts the cane is described in section 292. A reaper is कटनिहार katnihār north of the Ganges and in Patna and to the south-west. He is also दिनिहार dinihar in Patna, Gaya and South Munger जैवनिहार leonihār or कटनियाँ katniyān to the west Elsewhere he is simply जन jan, विनहार banihār, &c. Harvest time. is कटनी katni. The wages of harvesting are दिनौरा dinaura in Patna and Gaya, and दोनी dīnī in Champāran, Gaya, and the south-east. Another name is in Gaya गुदारा gudara, or in Sāran गुदार gudar. Elsewhere they are वन ban, or in South-West Shahabad वनी bani.
- 875. Cutting the ears without the stalks is बजान balkat generally Other names are द्वानी tungni north of the Ganges and to the west आजा agla in Champāran and Gaya, कहर katuā in South-West Shahabad, uing pāngal to the west, and वन्ह्यारनी nankatni in South Munger. So also in East Tirhut it is ननजरनी nankatni or (also in Champaran) सिम्बारनी siskatni, and in South-East Tirhut दिश्वार chhipkatta. It is आजहा agra or कला। alga in South-Bhagalpur. Cutting crops at the root is जाकी jarchhorni, (in South-East Tirhut करकहा jarkatta, or (in South Munger) जाकीरा jarchhora.

876. To shake the fruit off a tree is आस्मार्थ jharjharāël in the north-west. In Champāran and West Tirhut it is आरखाएं jharkhāëb, and in East Tirhut अकाएं jhakāëb. To the west it is भोरज jhoral, and also, generally, होजब dolab or होलाय देव dolāy deb. आराइब jhatāhab is to knock down fruit from a tree by throwing up sticks into it (see § 41).

CHAPTER II.—CUTTING OF UNRIPE CROPS.

877. Unripe crops are sometimes cut for food. North of the Ganges this is known as next gadra or mut kachcha. Other names are माहा gāda and महा gadda. In South Munger it is माहर çādar, and in South Bhagalpur अनुरो ankuri. The last two are also met with in Champaran. A word used to the east generally is and kachri. In the north-west समहत samahut is a little grain cut first, and this is ससत sumut in North-West Tirhut, नेवान newan in Saran, and नेवान neban in Champaran and Tirhut. TITET horha is unripe grain cut for parching. It is also called after orha in Tirhut and the south. east, and optionally होतहा holha in Champaran and South Munger The green ears of Eleusine coracana (HE SI marua) treated in this way are called उम्मी ummi or जमी umi to the west and in Tirhut and जनी uni in Champaran. आली alo in Gaya is the part of the crop which is reaped by a cultivator for present eating before the whole is ripe, Sometimes unripe pulses and barley are rooted up and given as fodder to cattle. This is called in Saran रखाँत rakhant.

CHAPTER III.-GLEANING.

878. A gleaner is বিশ্বিছাৰ binnihār or বিশ্বিষা biniyan to the west. He is also generally বাট্ৰিছাৰ lorhnihār, with variants লাট্ৰাছা lorhtahar in Patna, Gaya, and South Munger, and বাছৰে lorhta in South Bhagalpur. Gleanings left on the field for the lower orders are সংশা jharga or সাংখ্যা jhārang to the west, and বাটা lorhi or লাট্যা lorhiya to the east and in Champaran. Other names are সক্ষা jharua (Patna and North-West Tirhut), সাৰ jhar (South-East Tirhut), and ছুতৰ ঘতৰ chhūtal patul (Champaran and Tirhut). Gleaning is called ir Gaya and South Munger বাঢ়া বিশ্বা lorha bichcha, and gleanings are বাঢ়া lorha.

SUBDIVISION VII.

THRESHING AND WINNOWING.

CHAPTER I.—THE THRESHING-FLOOR.

879. A threshing-floor is everywhere खरिद्दान kharihān, with an optional variant खरिद्दानी kharihāni in Patna. The shed erected on the threshing-floor is मड्डे maraī, खाँपड़ी khompri, or माँपड़ी jhompri In Patna it is मरका maruka or माँपड़ा jhompra, in Gaya कूढ़ा kurha, and in the south-east खाँपड़ा khompra.

CHAPTER II.—SHEAVES AND BUNDLES.

- 880. The cut crop is डाँट dānth to the north-west, or डाँट dānt in North-West Tirhut. In East Tirhut it is खार lār. In Shahabad it is खद्दी lehni, in Champāran चेहन lehan, in Gaya पतौर pataur, in Patna पतौड़ी patauri or पतनी patni, in South Munger पातन pātan, and in South Bhagalpur पत्तन pattan. In Shahabad it is called परहारी pathāri, and in Saran पथारी pathāri, when it is left a day in the field without being gathered.
- 881. In considering the nomenclature of the sheaves it will be convenient to take North and South Bihār separately.

NORTH BIHAR.

- 882. The smallest sheaf, about a handful, is called महा mutha, सुद्दा muttha, or पूजा pūla; the next largest is the च वांसा anwānsa (northwest), जोरदा aulha (North Tirhut), and आहुज āhul or अहुजा ahula (East Tirhut); the next largest is the अंटिआ antiya or (Champaran and North-West Tirhut) प्यद्दी pasahi; the next largest is an armful or uाँचा pānja; the next largest is a वोभा bojha; and the largest of all that carried on a bullock, जदना ladna. The relative scale of some of the above is generally as follows:—
 - 4 मूटा mūtha = 1 द्यं वाँसा anwānsa or औरहा au!ha.
 - 8 और हा aulha = 1 पाँचा pānja.
 - 4 पाँजा pānja = 1 बोमा bojha.
 - 16 बोमा bojha = 1 बोरही sorhi.

In East Tirhut the following scale obtains :-

- 4 चाहुल $\bar{a}hul = 1$ केहुनी kehuni.
- 4 केहनी kehuni = 1 पाँचा panja.
- 4 पाँचा pānja = 1 बोन्सा bojha.
- 16 बोसा bojha = 1 बोरही sorhi.
- 16 सोरही sorhi = 1 सोरहा sorha.
- 883. The word ৰাছো sorhi is a common unit for measuring produce. Thus, a raiyat will say that such and such a field gives so many বাংহী sorhi to the bīgha.

SOUTH BIHAR.

884. The proportions vary in different places, as follows :-

SOUTH-WEST SHAHABAD.

2 अवासी anwansi

= 1 अंटिया antiya or दोमड़ा domra.

10 ditto

= 1 पाँचा pānja, पूरी rūri, or आँटी antr.

3 पाँजा pānja, पूरी pūri, or आँटी anti = 1 बोस्ता bojha.

30 ditto

ditto

= 1 निसौर tisaur.

SMAHABAD.

- 10 अंबांसी anwänsi = 1 अंदिया antigr or पनिष्यीचा panpiana.
 - 4 अंटिया antiy । = 1 नोभा bojha.
- Or 10 आंधो ānsi = 1 पांचा pānja.
 - 4 पांजा pānja = l वोका bojha
 - 21 भोसा bojha = 1 एकेसिया ekaisiya.

PATNA.

- 4 अर्घा arpa = 1 आंटी anti.
- 5 खांटी anti = 1 माही gahi.
- 5 गाही gāhi = 1 बोस्ता bojha.
- Or 5 अरपा arpa = 1 पांचा pānia.
 - 5 पांजा pānja = 1 बोन्ता bojha.
 - 21 बोमा bojha = 1 एकेबी ekaisi.

GAYA.

3 ग्रापा arpa = 1 ग्रांटी anti.

5 **आंटो** ānti = 1 माही gāhi.

10 गाही gāhi = 1 बोस्सा bojha.

Or 9 अर्पा arpa = 1 पांचा pānja.

3 पांचा panja = 1 बीका bojha.

21 बीमा bojha = 1 एकेंबी ekaisi.

South Munger-

The same as Gaya, except that 4 पाँचा panja = 1 बोआ hojha.

SOUTH BHAG aLPUR.

4 गौती gaunti = 1 आंटी ānti.

4 मांडो anti = 1 पांडी panjau.

16 ग्रांटी anti = 1 बोमा tojhu.

16 बोमा bojha = ! सोरही sorhi.

- 885. The word एकेसे ekaisi south of the Ganges is used in much the same way that सोरही sorhi is used; so also विसेर bisaur. It will be seen that the above scales are not always consistent amongst themselves. This is the fact, and is due to a difference in the size of the unit according to locality. The नामा bojha is about the same everywhere.
- 886. An अञ्चार akwār or अंत्वार ankwār (optionally), or in Patna and South East Tirhut केंड्बी kehuni, is as much grain as can be carried between the arms, and मध्योका mathbojha is a load carried on the head. Out of each बोक्स bojha one आंटी ānti is given to the labourer who cuts and carries away the crop, and the remainder is in Shahabad called गुदार gudar.* गुष्ड gund in Patna or गृंडा gūnra in Gaya is a bundle of cut pulse.

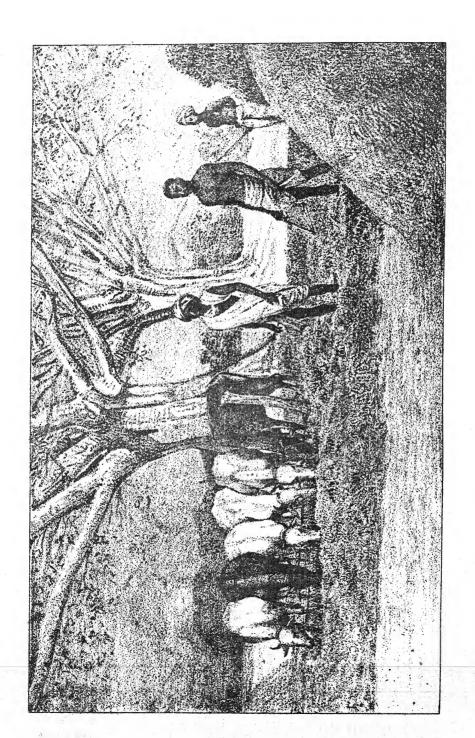
CHAPTER III.—TREADING OUT GRAIN.

887. Treading out grain is होनी dauni north of the Ganges. To the west and in Patna it is also होरी daunri or मिंचनी minjni. The latter word is principally used when the grain is trodden out by men and not

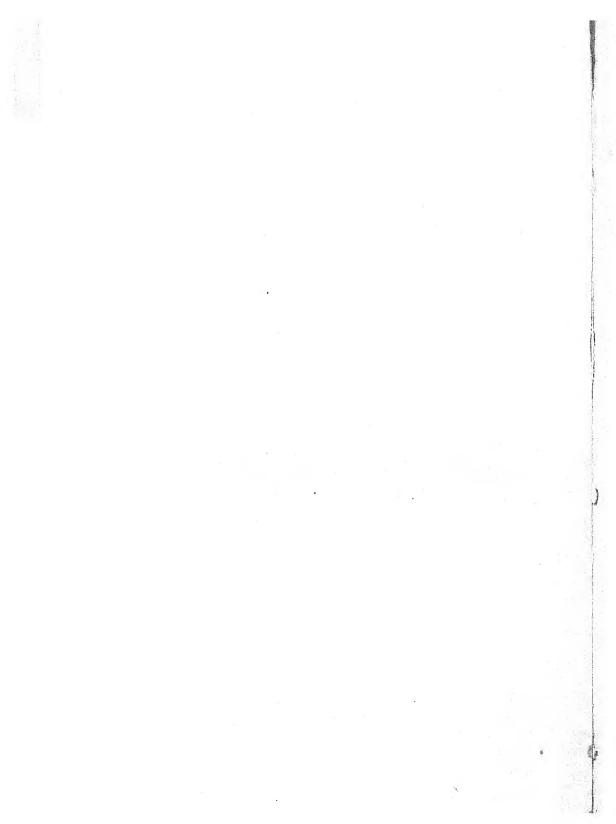
^{*} The खाँटी anti given to, or rather taken by, the reaper varies in size, as is witnessed by the proverb कोढ़ि कटनिहार के सुङ्खन आंही korhi hatnihar ken mungar san anti,—the lazy reaper gets a bundle as thick as a club.

by bullocks. In Shahabad it is दोशी dauri, and so also in the south-east. In Champāran, Patna, Gaya, and South Munger it is द्वांची dawānhi, and in Patna also (when trodden by men) में जनी mainjni. In South Bhagalpur सहरी sahri is a thorough threshing of corn, The beating out of the heads against the ground or bed to disengage any grains that remain is पोटन pētab, स्नादन jhārab, or स्नाटन jhāntab north of the Ganges. It is also पेटारी petāri to the west, दंगीनी dangauni in Patna, पिटनी pitni in Champāran and Gaya, दंगीनी dengauni in East Tirhut and South Munger, and स्नेटनी jhantni in South Bhagalpur. Treading grain is द्वाही damahi in South Bhagalpur.

- 888. The first treading out of the grain is called पौर paur; the second treading is डाटो हाँवन danti dānwab north of the Ganges and in Shahabad, or नोडाएन torāëb in North-East Tirhut. To the west it is ছांटन chhāntab, in Champāran and Patna it is खर्दोनो khurdauni, in Gaya खर्दोती khurdanti, and in South-East Tirhut and South Munger खर्दे khurdāin. The first treading out of the grain is also called ख्या khua or खोद्या khoa and the second तरमार tarjhar in South Bhagalpur.
- 889. The stake to which the I ullocks are tied in treading out the grain is # = menh, with local variants # = menha (to the north-west and in South-East Tirbut), में इटा mehta (Patna), and मीं हों minhon (South Bhagalpur) In South-West Shahabad no centre stake is used. A bullock stands in the centre, who is called में इया बेस menhivan bail. In other places the inner bullock next the post, which is the slowest and weakest of the team, is called H (sui menhiyan generally; also HEI mentha in Champaran and South-East Tirhut, and HEET mehta or में इटा menhta in Gaya and South Munger. In South Munger he is also मेडा meha, and in South Bhagalpur मोहां mīhān. Another name for him is in Gava जडद्दिना kurdahina. The outer bullock, which is the smartest of the team, is called ute path or utel pathiya to the west, to the north-west and in North-West Tirhut utan patiga, and in East Tirhut पाट वाला pāt walā. In South-East Tirhut it is व्यादार agdāën, and variants of this are अवहाद agdāin in Patna and South Munger, आंगहाइन agdain or अगर्यो agdainyan in सगदाई egdāin in South Bhagalpur. Iu South-West Tirhut he is will phera. The rope which goes round a bullock's neck is accid gardanw in the west and in South Munger, need yardani in Champaran and West Tirbut, and nital garaundha in Patna. The main rope to which all the hullocks are tied is मन मा manjha, also होरी daunri to the west, सीरड़ dannear or होगड़ा dogaha in West Tirhut, and कराम karām in East Tirhut. In Patna, Gaya, and South Munger it is स्वांची ddwanhi, and in South Bhagalpur हांमर dammar. In



The man standing on the right of the picture holds in his right hand a threshing-ricke (akhaina) A threshing Hoor (kharikan)



Champāran and Gaya, it is also called ate kānr or ater kānra. The rope by which the main rope is tied to the stake is ext ghūri or Held menhauti in Patna and Gaya, and etel donra in South Bhagalpur.

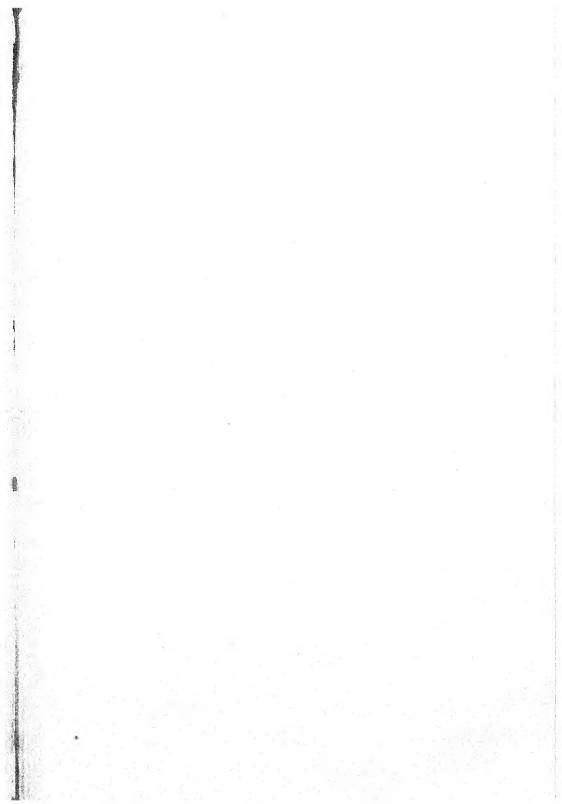
CHAPTER IV.—CROPS ON THE THRESHING-FLOOR.

- 890. The pile of sheaves.—When the crop is piled in bundles on the threshing-floor it is known as nin gānj. Other names are zin tāl (north of the Ganges and Shahabad), nei galla (North-West Bihār), the dheri in Gaya, and nie kānr or niei kanra in Champāran and to the east; also cert khamhār in South-East Tirhut. When the cut crop is piled like a stack in England, with the grain heads inside to save them from rain, it is called nicel kothiyau in Saran, and un pūni or unique to the north-west and in Patna, Gaya, and the south-east. When rahar (cytisus cajan) is piled on end to ripen before threshing, it is called and zin khara tāl north of the Ganges. Stacks are rarely raised on platforms in Bihār, but when it is done the platform is called unchān.
- 891. The spread-out crop.—When the crop is spread out flat on the threshing-floor, ready to be trodden out by the bullocks, it is प्रpair north of the Ganges and in Shahabad. Other names are पौर paur or पौरी panri in East Tirhut, जिस् khoh in Champaran and South East Tirhut, बहरीर barhara in Patna and Gaya, बहरूर barhara in South Munger, and खूबा khua or खोदा khoa or पौर paur in South Bhagalpur.
- 892. The crop after it is trodden.—After the crop is trodden out the pile of chaff and grain ready for winnowing is सिद्धी silli north of the Ganges, in Patna, and the south-west. Other names are क्रुटॉव kutānw (Patna and North-West Bihar), देरी dheri in Champaran, Tirhut, and South Munger, पेर pair in Champāran and Gaya, and बार dhār in South Bhagalpur. In South-East Tirhut it is also उनाम ukām (also in Patna) or उन्नम ukum, and in Shahabad उनांच ukānw.
- 893. The heaped grain.—This is दाच rās or देशे dheri, also in North-East Tirhut खोद khor. Over this is placed a cake of cowdung to avert the evil eye. This is वार्ष barhānw (Patna and West Bihār) and बद्धावन barhāwan in Gaya and the west; but बढाँव barhānw is more properly the dung deposited by the bullocks while treading Other names for the cake are महादे mahāde or महादेव mahādeb. A

piece of moist earth stamped is sometimes used in the same way, and is called **THE** chākal to the west and ETT chhappa generally. In South-East Tirhut a piece of wood so used is called ITM jāk.

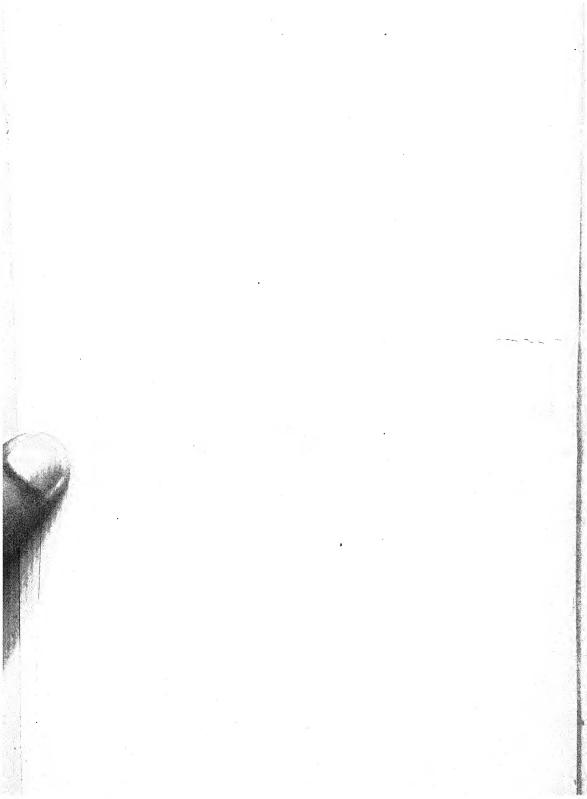
- 894. The heaped straw and chaff.—Straw in bundles is you pūla in Patna and north of the Ganges, except in North-East Tirhur, where it is भाइना jhatua. South of the Ganges, and optionally in Saran, it is आँठी anti or केंद्रिआ antiya, except in the southeast, where it is पुला pulla or विंडा biñra. Loose straw that has been threshed is प्रमार puara (to the west' or प्राह puar (to the east). Local variants are पौरा pora (also in West Tirhut) or पौत्रार poar in Patna and South Munger. When it has not been threshed. but has been left standing in the fied after the eare are cut off and then itself cut, it is called नार nār, and also (to the east) जार lār. Its stalks are whole, and are not crushed like threshed straw. नवारी newari or in South Bhagalpur गभौरी gabhauri is straw which is cut with the ear, but is not trodden by bullocks. It is tied up in bundles, and the heads are beaten against the ground. The husks of the grains are अवा bhūsa or सन्धा bhussa. South of the Ganges a nasal is generally inserted—thus, भুবা bhūñsa. Other names are কুরুসা katua in Patna and Gaya, Tel gundo in Champaran and South Bhagalpur, and GET khakhra or GET dhulla in South Munger. Bran is चोकर chokar, also in Patna and the west मुखी bhans. Other names are चलाँची chulaunsi (Patna and the west), क्लोबाइ korāi (Patna, Tirhut, and the west), चौकर chonkar in Champaran and Patna, and चौकरा chokra in South Munger. The heaped straw on the threshing-floor, or a stack of straw anywhere, is गाँच ganj or टाल tāl. चिन्नी silli is also specially nsed for the heap of straw on the floor. Loose straw that has been threshed is His mira in South Bhagalpur.
- 895. An enclosure for stacking straw or fuel is ই ৰে gherān, in West-Tirhut, Saran, and Champaran, বাবেৰ ghorān in Shahabad, and ইয়া ghera or তাত dhāth in Champaran and Tirhut, the latter specially to the east. To the west it is uবৰত purwat. A house for holding chaff is মুখাল ঘা bhusaul ghar in the north-west and West Tirhut, and মুখাৰ bhuskār, মুখাৰা bhuskbulba,* or (also in Champāran) মুখাৰা bhuskbār to the east. In South-West Shahabad it is মুখাৰ bhunsaur, and to the west generally of that district মুখাৰ bhuñsāhul. In Champāran and Patna it is মাখাৰা

^{*} As in the proverb हुटल बोड सुसामुलबहिं ठा८ chhuttal ghor bhussbhulbahin tharh,—a horse, when he gets loose, stays in the chaff-house.



WINNOWING (OSAUNI)

BRICK-CRUSHING MACHINE (DHENKI).



bhotisaula, and there and in Gaya सूचा घर bhusa ghar. In Champaran and South Munger it is सुबार bhusghar, and in South Bhagalpur सुबारो bhuskāri. खाँप khomp or खाँपो khompi uorth of the Ganges i a small shed for chaff. The round thatch covering a खाँप khomp to save it from the weather is खाँप के सचने khomp ke mathni, खाँचने chhāoni, or दोपड topar. In South-East Tirhut चाँग chāng is a large basket for holding chaff equalling four दोकड़ी tokri. दंगोर tangaur in the same place is a sirilar one, but is rougher and made of rahar (cytisus cajan). चोरान ghoran is also used in South Bhagalpur.

896. The refuse straw and fodder. - This is in the north-west जीबार gothar, to the west and in North-West Tirhut it is जबेर lather. in Champaran and North-East Tirhut বিষয়ে nighas, and South-East Tirhut निश्च nighes. South of the Gauges and in Champaran it is ভাঁতী danti. The refuse straw of the rabi or spring-crop, and specially of the rahar (cytisus cajan), is titl raretha generally south of the Ganges, local variants being অইন laretha in South Bhagalpur and in Champaran Test rahetha. In Patna it is also called ets kharaī. The refuse straw of the autumn crop is siz danth or signi dantuka or mean kutka north of the Ganges. It is also to the west and in Patna ter dhattha, and elsewhere eie dant, eist danta, or eist danti. In South Bhagalpur and Patna, however, it is 33 1 thathero. When applied to janera (holeus sorghum). The dry stalks of mustard (सरियो sariso) are यखी santhi in the north-west, तिसठी tilthi to the west and in North-West Tirhut, तोश्यिकी toriyathi in South-West Tirhut, तारियंड toriyath in Shahabad, and तिलाडी tilathi generally The stalks of cereals without the ear are and jhengra to the west and in South-West Tirhut, कामहा jhegta in Champaran, डाँड dant in the rest of Tirhut, माड़ा jhanga in Champaran, and भारत jhang also in South-East Tirhut.

CHAPTER V.-WINNOWING.

- 897. Winnowing grain is घ्रोसीनी osauni. To winnow is घोसायब osāëb.
- 898. The fine chaff which is blown away by the wind in winnowing is प्रभी pambhi generally; also पाँकी pānki or पाँभी pāmbhi to the west, मू डी gūnri in Champararan and South-East Bihār, and भौडा bhaunts in Patna. South of the Ganges these words are confined to the winter (aghani) crop. The words for the autumn (Bhadoi).

crop are पुरेश puresi or पुषासी puarsi to the west, and प्राप्ती pakhni in Patna and Gaya. In South Munger अध्या adhbhari is rice not fully developed, in which the ear is only half full, the rest being all chaff.

CHAPTER VI.-MISCELLANEOUS.

- 899. The gathering or collecting grain at one place in the time of harvest is adical batoran or will alorhan.
- 900. When grain is being weighed, an extra handful is thrown to make up for dust, &c. This is called uses pachhua generally, but also aut kāsar to the west and una phāo in the south-east. It is also called any lābh in Champāran and South Munger.
- 901. The grain left on the threshing-floor after removing the bulk of the crop is sure agwar generally north of the Ganges, and his bhāth in South-East Tirhut. South of the Ganges and in Sāran it is at tari. The gleanings and refuse grain on the threshing-floor are usur patpar in the north-west and series khakhra to the west and north. The grain which is blown away with the chaff at the time of winnowing is sure agwar or sure agwar to the west, sure agar in Champaran, Patna, and Gaya, and surer aghar in the south east.

SUBDIVISION YIII.

DIVISION OF CROPS.

CHAPTER I.—DIVISION AND VALUATION.

- 902. The division of crops on the metayer system between landlord and tenant is called बराइ batāi or बटेंचा bataiya. Local variants are बांट bānt in Champaran and Gaya, बांटो bānti in Champaran and South Bhagalpur, and बंडन bantnu in South-West Shahabad. Land so held is called भावता bhāoli or बटेंचा bataiya, as opposed to नगर्भ nagdi, of which the rent is paid in cash. In South Bhagalpur the division of the crops is called इरवाकी kurtāli when between tenant and sub-tenant.
- 903. In चराइ batāï a certain fixed proportion of the crop is given to the landlord as rent, as described in the following chapter. When

instead of a proportion, a certain fixed quantity of the crop per bigha is paid to the landlord, it is called मनख्य mankhap, मनटोक्षा manthika, दुखा hunda, or मन दूखडा manhunda. This is especially adopted in the case of जिरात jirat or home-farm lands when let to a cultivator. In Patna it is called मनी बन्दोबस्त mani bandobast.

CHAPTER II.—THE SHARES INTO WHICH THE CROP IS DIVIDED.

- 904. Half to landlord and half to tenant.—This is called অधिया adhiya north of the Ganges and in the south-west, in Patna and Gaya अधनदेशा adhbataiya or पह pah, in Champaran and the south-east अधनदेशा adhbatiya. In South-West Shahabad they say द्राना में से एक दाना जिल्हा, आखर एक दाना अधामी के देहला du dana men sek ek dana jamidar lehala, äür ek dana asāmī ke dehala,—of two grains, the landlord takes one and gives one to the cultivator. The turn of the sentence which makes the landlord give the cultivator his share is worth noting.
- 905. Seven-sixteenths to iandlord and nine-sixteenths to the tenant.—This is नौसत nausat or नौसत्ता nausatta. The practice has only been noted in the west, Patna, Gaya, and South Munger. In South-East Tirhut the custom is only observed in respect to mangoes and jack-fruit.
- 906. Nine-sixteenths to the landlord and seven-sixteeuths to the tenant.—This is नीसत्ता nausatta. The practice has only been noted to the west and in Patna, Gaya, and South Munger; also (सरी नीसत्ता seri nausatta) in West Tirhut.
- 907. One-third to the landlord and two-thirds to the tenant, This is तेनुरी tekuri or तिहैया tihaiya in Shahabad, Patna, and Gaya तेनुरा tekura in South-West Shahabad, तेनुरी tekhuri in South Bhagalpur, तेनुनी tekuli in Champāran, तिन्दी tisri in Saran and Champāran, and तेन्दी tesri in South Munger. Not noted elsewhere.
- 908. Two-fifths to the landlord and three-fifths to the tenant.

 —This is une pachdu to the west and in West Tirhut, unit pachcha dua in Patna, Gaya, and the south-east, and une panchdu to the west. Not noted elsewhere.
- 909. Three-fifths to the landlord and two-fifths to the tenant.

 —This is ঘৰৰ pachdu to the north-west, and ঘাঁৰ হ্লা pāncha dūa in South Munger and Tirhut. Not noted elsewhere.

- 910. Landlotd one-fourth, tenant three-fourths.—This is चौथेया chauthaiya in Champeran and South-East Tirhut and चौट या chauthaiya to the west and in Patna and Gaya. Not noted elsewhere.
- 911. The following remarks as to custom south of the Ganges may be of use. The division into equal shares is rare, and is confined to the cases of high-caste tenants, or where a tenant has obtained a decree of the Civil Court restricting the landiord's share to one-half. Nine-sixteenths to the landlord and seven-sixteenths to the tenant is the customary rate, the two-sixteenths in excess which are claimed by the landlord being supposed to represent the cost of collection, irrigation, and watching the crops. When the landlord takes less than a half-share of the crop, as in §§ 905, 907, 908 and 910, it is only in exceptional cases, as in time of drought, or when a jungle or waste land has to be brought under cultivation, or when land requires much labour on the part of the tenant. In these cases the settlement is always for a limited period, say one, two, or three years, and is often on a progressive scale, i.e., in the first year the landlord takes one-fourth, in the second year one-third, in the third year two-fifths, and thereafter half of the gross produce. When the landlord takes three-fifths and the tenant two-fifths (§ 909), it is a case of special agreement with a landlord, who lets his private (ন্ত্ৰায়ের khudkasht) lands. In calculating all these shares (except in the case of division by bundles, see § 913) only the net grain produce after threshing is divided. The tenant in addition takes all the straw.

CHAPTER III.—DEDUCTIONS AND REMISSIONS.

912. A deduction of one ser in the maund from the amount received by the tenant is called उपहो supahi to the west, and also उन्हों serhi in Shahabad. A similar deduction of lassers per maund is called in South Bhagalpur नेम neg, or perquisite. In the case of division by appraisement (see next chapter) an allowance is made for deficient produce. This is called to the west and in Tirhut & chhūt. South of the Ganges and in Champāran it is called मानी garki, also नाइ ए nābud in Patna, & call chhūtti in Gaya, मानी पानी garki parti in South Munger, and मानी मानी marki garki in South Bhagalpur. A similar deduction of lassers in the maund is called in Champāran, Patna, and Gayu & the derhseri; and when of two sers, इसरी duseri. To the west रहार महार dohār mahār is the loss to both landlord and

tenant when the produce is deficient through inundation. A remission to a high-caste tenant is called **पाड़ो** pagri or मापी māphi. North of the Ganges पद्या pachhua is an allowance made by the tenant for dust in the landlord's share of the grain. In Saran and Patna अनुरो anjuri, and in Shahabad आंज्र ānjur, is an allowance of one or two sers per plough taken by the tenant. खिल्हानी khalihāni in Patna is an allowance claimed by the tenant, and so also is भांबर bhāmwar in Shahabad and भंगनी mangni or भांगन mangan (½ a ser in the maund) in East Munger.

CHAPTER IV.—MODE OF DIVISION.

913. This may be considered under two heads,—division on the field and division on the threshing-floor.

Division on the field .- This may be done either by actual division of the bundles (बोक्स bojha) or by appraising (कनव kanab) the value of the crop. When the bundles of the cut crop are divided, this is called बोम्नबराइ bojhbatai or (in Champaran and South-East Tirhut) खरवटाइ kharbatāi. To the north-west it is जजाती बटाइ jajāti batāi. The rough appraisement of the crops for the purpose of division is called and Man or कृत kūt, or कनकृत kankūt or कनकुत्ती kankutti. When the valuation is done by appraisement it is called कानसती बटाइ kankutti batör. It is also called दानावन्दी danābandi generally, भौंकट्टा bhaukatta in Shahabad and the south-east, दमान damāo or दमनाट्टी damkatti in Shahabad, Patna, and Gaya. When the crops are ripe for harvesting the landlord deputes an assessor (स्थान amin) and an arbitrator (सासिस alia) to the field. They are met there by the tenant and the village officials. The village measurer (क्टाचंर kathādhar) then measures the field with the local pole, and the arbitrator goes round it, and after a consultation with the assessor and the village officials estimates the quantity of grain in the field. If the tenant accepts the estimate, the quantity is entered in the patwāri's field-book (that i khasra) and the matter is at an end. If the tenant objects, his fellow tenants are called in as mediators. and if they fail to convince either party a test (URTIR partar) takes place. On behalf of the landlord a portion of the best part of the crop is reaped, and an equal portion of the worst part is reaped on behalf of the tenant. The two portions so reaped are threshed and the grain weighed. On the quantity thus ascertained, the whole produce of the field is calculated and entered in the field-book. The tenant is

then at liberty to reap the crop and take it home whenever it suits his convenience. In calculating the amount due to the landlord from the whole estimated quantity a deduction in favour of the tenant of generally two sers per maund, called zetchhutti, &c., (see § 912), is made to allow for deficient produce and for the cost of reaping, gathering, and threshing, which in this system of division is borne by the tenant. The remainder, thus calculated, is then divided into the respective shares of the landlord and the tenant, and the latter is debited with the landlord's share in the accounts. If he pays this amount within the year, it is paid in kind; but if he does not do so, its value in money is written against him as an arrear in next year's accounts.

914. Division on the threshing-floor.—This is बटाइ खरिष्टानी batāi kharihāni, खगोर वटाइ agor batāi (because it is watched or guarded till division), or Tett batāi simply. The man who weighs the grain is called TETT ha/wa north of the Ganges. He is also इटवे hatwe in Champaran, Patna, and Gaya, बाया baya or बया baya to the west, सोनार sonar in Patna, and केमाल keal or बनिया banivan in Patna and the south-east. His fees are called TZTI hatwāi or इटवर्ड hatwai north of the Ganges, and also पद्या pachhua in Champaran and Tirbut. In Champaran and East Tirbut they are also मनपर्दे manpai or मनपौद्धा manpaua. To the west they are व याद bevāi or प्रदेश pawahii (4 ser per maund), in Gaya and South Munger चौत्रसा chālsa, in Patna and Champāran धृदिया dhuriya (ई ser per maund), and in the south-east केंग्राची keālī or तीलाइ taulāï (one ser per maund). When grain is measured instead of being weighed, 16 cups (पैका paila) of grain make one आहा ārha. In this system the crops are reaped under the supervision of both parties, and are gathered on a common threshing-floor (see § 879), and strictly watched by both parties. Threshing does not take place until all the crops of the village have been thus gathered. Neither party is allowed the use of the crop till the grain is threshed out, weighed, and divided. During the reaping period the tenant at the end of each day gets the glannings of the field the lorha, &c., see § 878), and a fixed proportion of the gross produce (दिनीरा dinaura, &c., see [§ 874], which go as wages to the reaper. From the joint crop the village artisans and officials (carpenter, blacksmith, shoemaker, accountant, &c., see §§ 1193 and ff.), who have worked all the year round for both tenants and landlords, receive their perquisites. When the heap of grain is ready for division, the grain

which is blown away with the chaff (sints agār &c., see § 901) is not divided, but is all the property of the tenant. Out of the common heap are then set aside the dues given for religious purposes (faga fulca bisun pirit, &c., see § 1203, and out of the grain thus left the landlord takes his share, but the refuse grain mixed with dust left after removing the bulk of the crop (all tari, &c, see § 901) is all taken by the tenant. In this system, too, the tenant gets all the straw, chaff, &c.

SUBDIVISION IX. IRRIGATION.

CHAPTER I.—IRRIGATION GENERALLY.

915. To irrigate is पराएव patāëb, or to the west भारत bharal Irrigation is पटावन patāwan or पटीनी patauni. In South Munger it is पटान patan. The flooding of a field preparatory to planting rice is ल व 1eb, जे व leo, or जेवा lewa, and in South Bhagalpur अन्हाव anhāo. a flooded field is called पनियास paniyāël. A water-drawer is पनिहास panihāra or पनभरा panbhara. In the north-west he is also पनभारा nanbhāra. A man irrigating has various names. To the north-west he is पन्छत्ता panchhanna, and in Gaya पन्छन्दा panchhanda; in Saran and Champaran he is पनमोरवाइ panmorwah ; in South-West Tirhut he is खाराहा kharwāha and in South-West Shahabad he is कन्हेया kanhaiya. The man who distributes the water in the field with the Tour hattha or wooden shovel (see section 64) is called इथवाहा hathwaha or किरकता chhirkana to the north-west. In Shahabad he is नरनाहा barwāha: to the west generally पनिवास paniwah ; in Patna and Gaya, खंडमोडा khanrmora or क्रिचनियां chhichaniyan ; in Patna, सिंचवाह sinchwaha or खंडवाहा khanrwāha ; in Champaran and South Bhagalpur, खड्कटरा kharkatta; and in South Munger, istazzi ganrarkatta. The wages for irrigation with a lever are खडवाही lothwahi. Sometimes cultivators combine to assist one another in irrigating. This is called stat jana in Saran and Champaran, u'te painthi or unal palti to the west, and the latter also in Patna and Gaya, utter parihar in Patna, uter patihar in Champaran and South Munger, and utuz paet in Champaran and South Bhagalpur. A man irrigating in South Bhagalpur is जाराहर larwaha.

CHAPTER II.—KINDS OF IRRIGATION.

- 916. There are three main kinds of irrigation:
 - (a) From canals.—A canal is नहर nahar (which is generally used only for the Son and similar Government canals), पेन pain, or पेनि paini, and नही naddi or (South Bhagalpur) जही laddi. In South-West Shahabad a canal is जाज tāl.
 - (b) From wells (নুজা kūān, &c.)
 - (c) From tanks, or ponds.—A tank is ঘাৰে pokhar, ঘাৰেং pokhra, or নলাৰ talāo.* A small pond is নলাহ talāi. In Patna, Gaya, and South Munger a reservoir of which the water is higher than the level of the surrounding country and is kept in by embankments is called ভাৰাৰা khājāna or ভাৰাৰ khājāna.
- 917. The embankment round all these tanks and ponds is called भीड़ bhinr or भिष्टा bhinda. Local names are पींड़ pīnr in Patna and Gaya, and खांवां khanwan or खावा khawa to the west. The post erected in the centre of a tank is चाट jat, चाट jāti, चाट jāth, or चाटि jāthi. In South Munger it is चाट lāth.

पोखरि रजोखरि, और सम पोखरा। राजा सिव बिङ्का, और सम क्वीकरा॥

Pokhari Rajokhari, aur sabh pokhra, Rāja Sib Singh, aur sabh chhokra.

—"The tank at Rajokhari is indeed a tank; all the rest are puddles. Raja Sib Singh was indeed a king; all others were princelets."

Another version of this is-

ताल ता भोपाल ताल, चौर सभ तलेया। राजा ता सिव सिङ्ग, चौर सभ रजेया॥

> Tāl ta Bhopāl tāl, aur sabh tulaiya, Rāja ta Sib Singh, aur sabh rajaiya.

Rajokhari and Bhopāl are the names of two villages in the Darbhanga district, where there are very large tanks, said to have been dug by king Sib Singh.

^{*} In North-East Tirhut पोखरो pokhari is a large tank, as is instanced by the proverbial saying—

CHAPTER III,—IRRIGATION FROM CANALS.

- 918. Flush irrigation, when the water is at a higher level than the field and the cultivator has only to cut the bank of the water channel and allow the water to flow into the field, is called surer apta in the north-west, and survice agarpat in Champaran and North-West Tirhut. To the west it is else tor or the mohar. In Patna and Gaya it is suffer chhānan, in South Munger Harm melān, and in South Bhagalpur crait churka or suri upta.
- 919. Irrigation by lift, when the water has to be raised from a lower level, is called उदह के पानी ले जाएन udah ke pāni le jāëb to the west, and in the south-east seq ukhewa. A dam is sometimes built across the steam to raise the water. This is ৰাঘ bandh or ৰাল্ড banh generally; also खाँड khāñr, गड़नी garni, and चेरा ghera to the northwest, गराँडी garānri in the north-west, Patna, and Gaya. फांडी phānri in Champaran and Patna, new garandi in South Munger, and will kkanro in South Bhagalpur. A gang of men employed in making such an embankment is called in Patna and Gaya गोश्राम goām. long embankment thrown round a plain of high land in which rice is cultivated, and in which there is a flow of surface waters is दंद ही danreri to the north-west and in Patna. South of the Ganges and to the north-west खनाना khajāna, आहर āhar अहरा ahra and अहरी ahri mean the plain itself including the embankment. The embankment as distinguished from the plain is पिड pind or अवङ alang. A cutting in the embankment is called in Gaya ৰাভুত্ত khanrhu.

CHAPTER IV.—IRRIGATION FROM WELLS.

- 920. Wells may be divided into three classes .-
 - (a) Those lined with masonry.—These are called पका pakka.

 In the north-west दावजी bāoli is a large well, sometimes with a ghāt or flight of steps running down to the water. इनारा ināra, इनारा ināra, इनारा inār, इनार inār, इनार ināra is a large masonry well. In South Bhagalpur राष्ट्र rahat is a masonry well.
 - (b) A well without masonry lining is called क्या kackcha; also क्याँ kūān or क्याँ kuiyān or क्या kūp. In South Bhagalpur मं इ को bhanruki, and generally मङ्क्षे bharkūīn is a small well. In Patna and Gaya कंदरी kandri is

- a well dug on a river-bank into which the river-water filtrates and is thereby rendered pure.
- (c) Surface depressions containing water.—These are মুহ chūin north of the Ganges, মুখাই chūāri to the west and in Patna, and মুখাই chūān esewhere. A clay well which has fallen in is called মহল bhasal North of the Ganges, and মান bharan in Champāran and north-East Tirhut. In Champaran, Patna, and Gaye it is মাত bhathha, and to the west মাছ bhagār. All the above are adjectives agreeing with মুখাই kuan. Another expression used in Shahabad is মহলুখাই bhathkuan. The space formed inside a well by the collapse of the sides is আঁও khānkhar in the north-west and মাহ dhodhar in Champāran and South-West Tirhut. To the west it is মাজ pāl and in Patna and Gaya মাহ chaunr.

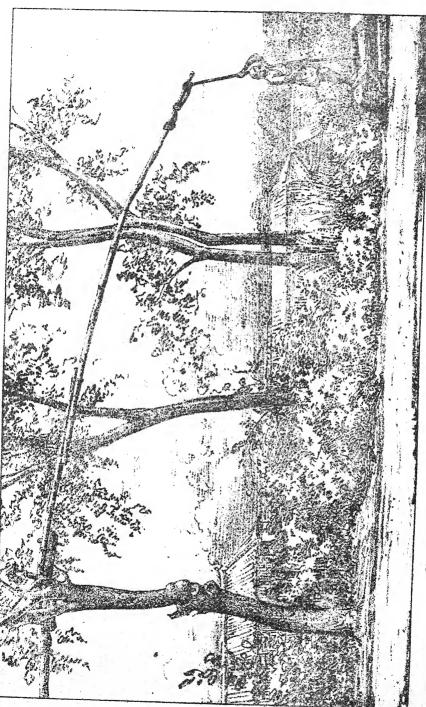
CHAPTER V.—CONSTRUCTION OF WELLS.

- 921. The large circular excavation made before a masonry well is built is इवड़ daw ir to the west and in Patna and South Tirhut, and खाँखर khānkhar to the north. In South-West Shahabad it is गोज gol and in the rest of that district गोज गाज gol gal. In Gaya it is गोजमार golammar or खमार khabhār.
- 922. The spring is सोता sota north of the Ganges, and also in North-East Tirhut Hall moka. In Shahabad it is eta sot or स्ता sutti, in Patna, Gaya, and South Munger सोइ soi, and in South Bhagalpur सोत sot or संगरा sangra. The side spring in a well is तरसंद्रा tarsoa in north-west and in West Tirhut. Springwater is विश्वार पानी bariyār pāni, or in South Bhagalpur संगरा sangra, and in South Munger जिन्मर jingar, the two latter words being adjectives. When the spring is tapped the phrase used is, north of the Ganges, ताना दूट मेल tāwa tūi gel, and south of it निर्यार or जिनार) पानी द्याबि मेल bariyār (or jiugar) pāni ābi gel. The hole through which the water rises when the spring is reached is He bhun or He bhun. In Patna and South Munger it is HIEI bhurha. An optional word in South Bhagalpur is an bam. When the spring is copious, it is called HIMZ bhurphut. When the spring is not reached, the well is called सन sunn; and a well, when the spring has risen, is प्रिहार panihar. The spring is in South-Bhagalpur also Hat bhur or affect soa.

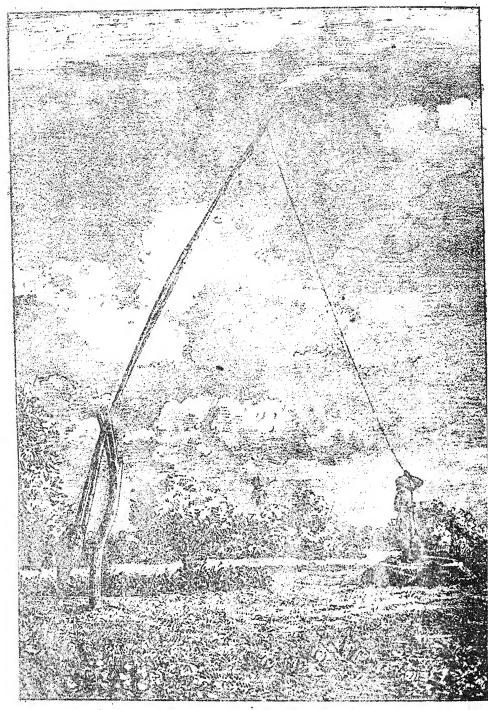
- 923. A well supplied from a spring and not from surface drainage is च्राहा sultiha to the west, and चारहो sothi in the rest of that district. In Patna, Gaya, and South Munger it is चार्या soiya, and in South Bhagalpur चल्ला jaldhar. The place where the earth begins to become moist as a well is being sunk is पनच pansel or पनच्चा pansacha in the north-west. In the south-west it is पनार pasoi, and to the south-east पनार pasewa. In some cases there is a stratum of sand so fine that it falls in at once and chokes the well. This is known in the north-west as माच bhās. The depth to which a well is dug is measured by the height of a man (प्राच pūris or पोरचा porsa). Thus a well is said to be four, five, six, or seven प्राच pūris deep.
- 924. The masonry cylinder of a well is खनजोर khanjīr. When a well is made up with circular hoops of kiln-burnt earthenware for sides, these hoops are called खपड़ा or खपरा khapra. Other names are (north-west) नार nad, (south-West Shahabad) मोखड़ा mokhra, (Patna) गिर्दा girda (Patna and South Munger) गेंड् आ ganrua, and पाट pāt in South Bhagalpur. Sometimes a coil of twigs is used for the same purpose, which is known as कोटी kothi, डोल dol, or बॉड़ bīnr in the north-west—the last also in Patna and Shahabad, दोल dol in the south-east and बिगड़ी bindi elsewhere in the south. Wells protected in this way are कोटिला kothila to the west and गड़ीओं garauān in Patna. Wells are sometimes lined with a wooden cylinder, and are then called कट कुआ kathkūān. When the cylinder of a well fails to sink, a second smaller cylinder is sometimes sunk inside. This second cylinder is called परच्हें parchūīn.
- 925. The wooden base of the cylinder is made of jāmun wood, and is called जमवट jamuat |or जमोट jamot. In South Bhagalpur it is called जमकाउ jamkāth.
- 926. A well so large that two buckets can work it is called होबद हो dalatthi. In Patna and the south-east it is दुनात dujāt, and in South Munger also दुन्ता dujanta. One for three buckets is तिनवरहो tinlatthi or ते बहुदो telatthi; in South Munger it is ते जन्म tejatta, and in South Bhagalpur विवयत tinjānt.
- 927. The well-dredger and well-spear are described, in \$ 39 and ff.

CHAPTER VI.—THE LEVER USED IN RAISING WATER.

- 928. This is টেল্ল dhenkul, টেল্লো dhenkula or টেলা dhenki It is also called আত lath, অহ তা lattha, or আতা latha south of the Ganges, and সাঁব jānt in South Bhagalpur.
- 929. The pot (whether earthen or of iron) is कूड़ kūnr, कूड़ी kunri, or कुर्ग kunri. A smaller iron vessed used for drawing water by hand, and not by means of a lever, is होता dol, other names being लोहार lohanra in Shahabad and रोता dol in South Bhagalpur. In North-East Tirhut, however, होता dol is also used for the lever-bucket. In Gaya लउनहो kathnahi is a wooden bucket for drawing water from a well. The stick placed across the mouth of the bucket to which the rope is f stened is किसी killi or मही gulli. In South the galpur it is किसी rinkilli or पहा pulli. The string which fastens this to the pot is किसी kaneli to the north-west and के दिवादी kunriyāthi generally to the north of the Ganges; also चीरकिसी chorkilli in Champāran and North-West Tirhut.
- 930. The rope of the lift is ব্যা barka. It is also called ব্যা baral in South Munger, and ভ্যাবাহী hathbarki and ভ্যাবাৰ ubahani in Champāran and North-East Tirhut. The short rope joining it to the bucket by a slip-knot is ঘৰছাই ranchhor or হোটা chhori, with the following local names:—হাই chhor (west), বাবা jota (Patna, Gaya, and the south-east), বাধা nādha (Gaya), বাবা joti (Shahabad and South Munger), and ব্যাহা bagha (South Bhagalpur).
- 931. The lever-beam is the bans when made of bamboo, also will chhip in Champaran and North-East Tirhut. Also lath or also lath a is a shorter and stouter one. Other names are used dhurhs (South-West Tirhut), that dhenkul (west), and such danda (southeast). Sometimes a thin piece of wood is spliced on to the end of the beam. This is called and bansjor, and in Patna and the south-east will chhip. The end of the beam which projects beyond the rope over the well is called unit agar or unit agars.
- 932. The lever-beam is weighted with a counterpoise of clods of earth, &c., fixed to the end furthest from the well. These are called BE led, BEI leda, and BEI ledi. In East Tirhut they are BU ledh, and in South-East Bihar Bai ledho. Other names are usis packhar (Champaran), use packhar (South-East Tithut), and Tail chakri (Champaran, Patna, and Gaya). The peg with which those are



The irrigation lever (latha), pulled down, with the ducket lowered in the nell



The irrigation lever (latha), raised, with the bucket out of the well

fastened to the beam are खूँटा khūnta or खूँटी khūnti; also गँडमेखा gañrmekha (Patna and Gaya), गुली gulli (Patna), and जिला killa (Patna and south-east).

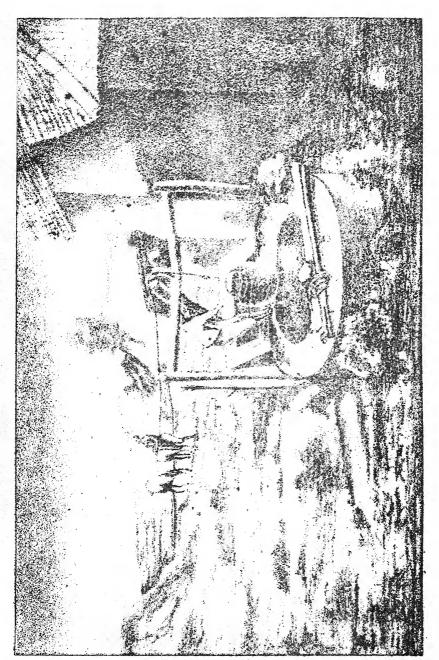
- 933. The post on the top of which the lever swings is term khambha; also घोरेचा dhorea in Patna and Shahabad. To the west धरई dhurai is a post with two branches at the top. These posts are ofter made of a live tree called जीयल jiyal Odina Wodier), which forks naturally in a convenient position, and which will grow if only a piece of it is stuck in the ground, hence its name. The forks are and kan, and kana कानी kani कज्ञा kanna, or कज्ञी kanni In Champaran and the southeast they are दोकानी do kani or दुकानी du kani. The cross-axle is अखीता akhauta or प्राचीत akhaut, local variants being अखोती akhoto (South Bhagalpur), अंखीना ankhauta (South Munger), and अखेता akheta or चाबेंद akhed (optional) in Gaya and Patna. Other names are मांना। mānjha in Champaran and Gaya, and होना tona in Patna. At right angles to and underneath this cross-axle a piece of wood is tied under the lever-beam to keep the axle in its place. This is called Hat? makri in Patna, Gaya, and the west. The holes in which the cross-axle works are called and khol.
- 934. The wooden framework over a well on which the person who draws the water stands is called परियादा pariyātha or पीटा pautha.
- 935. When a bucket or lota falls into a well, it is pulled up by a set of grappling-hooks, called atta kanta, and kānta, or and langār.

CHAPTER VII.—THE SKIN BAG USED FOR DRAWING WATER.

936. The use of this has not been noted in East Bihār. In West Bihār it is मोदि moti, मोट mot, or मोट mont. The iron ring round its neck is मेंड्डा menrrā; also कडाहो karāhi and कडा kara in Sāran, and कांडा kānra in South-West Tirhut. The roje or cord which joins the bucket to this iron ring is निष्यारो nathiyari or चोरहो sorhi; also निष्या nathiya in South-West Tirhut. The semicircular pieces of bent wood fastened to the ring to keep the mouth of the bucket open are चोरहे ghorai or चोरानो ghorāni. To these are fastened two rings of iron, which are called कडो kari or जावा bāla. किसो killi or गुस्तो gulli is a wooden peg by which the bucket is fastened to the well-rope.

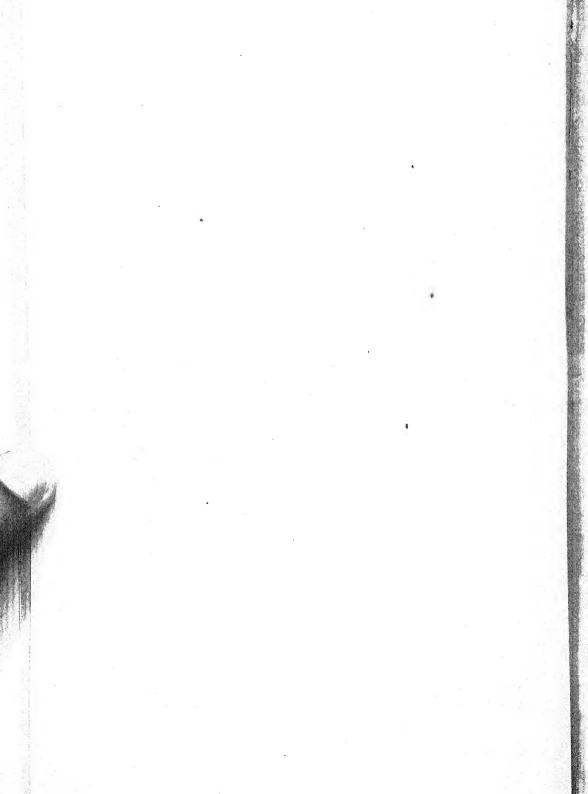
CHAPTER VIII.—OTHER WELL-APPLIANCES CONNECTED WITH IRRIGATION.

- 937. The portion of the mouth of the well on which the bucket rests as the water is being discharged is called **well** arāns or **well** anrās. Sometimes this is of wood. On this straw or rushes are placed to save the vessel and prevent splashing. In Patna and Gaya this cushion is called **well** sītha or fwell binda, and in South-West Shahabad **will** jhengra. In Sāran a similar article made of leather is called **well** chacha. When made of straw in Saran it is called **well** chachār, and in Champāran **well** chachra. The catch-basin into which the bucket is emptied is called **well** tītha to the west. Elsewhere it is called **well** arāns, **well** sītha, &c., as above.
- 938. The bullock yoke, which has two bars (see § 14), is पाली मोटहा pālo motha or जुनाउ juāth. Local names are जोट joth (Patna) and ज्यह juar (Champāran and Gaya). In Champāran, Patna, Gaya, and South Munger पालो pālo is used. The above names are also used for the upper bar, and also पहा palla in South-West Shahabad. The lower bar is लायहेल tarsaīl or लाइला tarsaīla, local names being देला saila in Shahabad, अलाइ gatar in Champāran and Gaya, and जहड jahar in the south-east. The outer pins joining these two bars, and which go outside the bullock's necks, are called यहल sail or यहा saila to the west, and कृति kanail to the north-west and east. The similar pins inside are अमल samail or (Patna and the south-east) अमला samaila. They are also called पहार pachār in Shahabad. The knob to which the rope is fastened is महादेवा mahādewa. In the south-east it is महदेवा mahdewa.
- 939. The wooden framework over the mouth of a well to prevent people falling in is singly jangula. The wooden beam laid over the well on which the person drawing the water stands is unest pāwalh or ultipautha. Other names are within latmara (Patna and North-West Tirhut), meules gorpauta (South-West Tirhut), and used dharna (Champāran and South Munger). The masonry work at the mouth of a well is singly jagat to the west. Other names are used murer (west), universal munrera (also in Champāran) or sittly nirāri in Patna, universal mureri in Champāran and Gaya, and up mūrha in the south-east. The wooden frame is called sittly jalāla is South Bhagalpur.
- 940. The pulley is generally supported in the fork made by two lopped branches of the trunk of a tree erected by the well. This trunk is called **Util** dhurhi or **util** khamha to the north-west and in South Munger. South of the Ganges we have **util** dhurai or **util** dhores



The skin bag for drawing water (moti), as worked with bullocks.

(Norg. -The photograph had necessarily to be taken from a great height, which throws the picture somewhat out of perspective. Really the bullocks are going down hill and the receiving vat 18 level;



in Shahabad. In Gaya it is जार jaser or द्वा daser, and in Champāran, Patna, and the south-east जारा khambha or खारा khamha. Other names are यार्डी thunhi in Patna and Shahabad and दोनानी dokāni in the south-east. The cross beam is दे रा banrera in the west, and जारा balta in South-West Tirhut. In parts of Shahabad it is जाराउ arāth, and in Patna and Gaya पाट pāt. The branches in which the pulley works are जारा kanna or जानी kāni, and the pulley axle जारा akhaut or जाराना akhauta. Other names for this last are जारा danda in Champāran and South-West Tirhut, जारा sarra in South-West Shahabad, and टोना tona in Patna. The pulley itself is जारारी gharāri to the west, also जारारी garāri to the north-west and in South Munger. It is जिस्ती ghirni in Champaran and South-West Tirhut, Patna, Gaya, and South Munger, जारा gadda in South-West Shahabad, जारानी ghurni in Patna, and मनारी makri in Champāran and to the south-east.

CHAPTER IX.—THE PATHWAY FOR THE BULLOCKS, &c.

941. The sloping pathway for the bullocks is पौर्द paudar, also इसर dawar in Shahabad, बही bahi in Gaya, and सार dagar in Champāran, Patna, and the south-east. In South hunger it is also गोइपौर gorpaur. The portion above ground is पौर्द के माँच paudar ke mānth or to the west मचार mathār. The portion below ground is खोद हा khoinchha to the west. A yoke of well-bullocks is called मोटहा जोड़ी motha jori. Drawing water by cattle power is मोट चलाएन mot chalāëb

CHAPTER X.—THE WORKMEN EMPLOYED AT THE WELL.

942. The following labourers are employed at the well :-

The bullock-driver.—He is इंक्वा hankwa or इंक्विइार hanknihār; also फेरहा pherha in Shahabad.

- 943. The man who empties the water-bag.—He is द्रिनदार dharnihar north of the Ganges, दिनवा chhinwa in South-West Shahabad, and मोटद्या motdharwa in the rest of that district and in South Munger.
- 944. Both these men are called north of the Ganges मोटवादा moteaha.

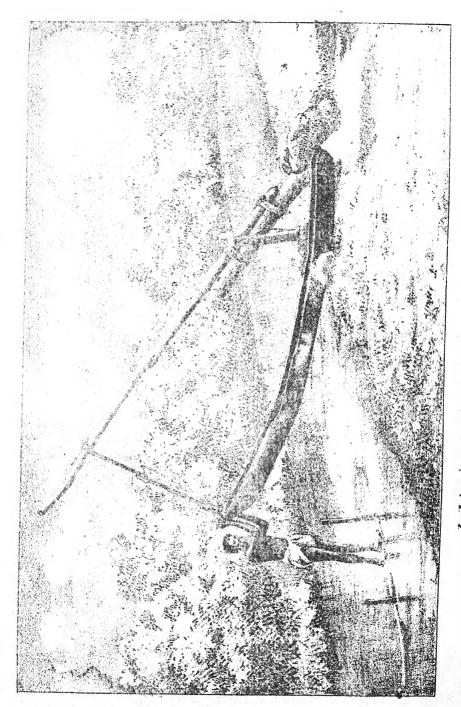
- 945. The man who distributes water in the field is called प्रमोरा panmora or प्रस्ता panchhanna north of the Ganges. South of the Ganges he is बरवाइ barwāh in South-West Shahabad, मोरवाइ morwāh in the rest of that district, and खंड आर khanruār in Gaya. He is also खरवाइर kharwāha in Sāran and इंड्याइर khanruār in Patna.
- 946. The man who distributes the water with a spade has already been described in Chapter I of this subdivision.

CHAPTER XI -THE PERSIAN WHEEL.

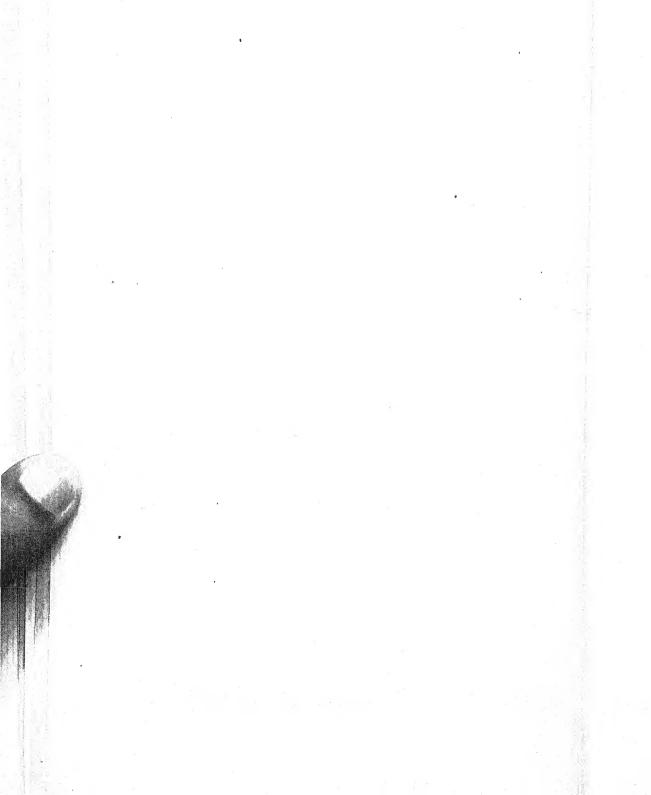
947. The Persian wheel is not used in Bihar. Its name, TEZ rahat, is however known in Patna.

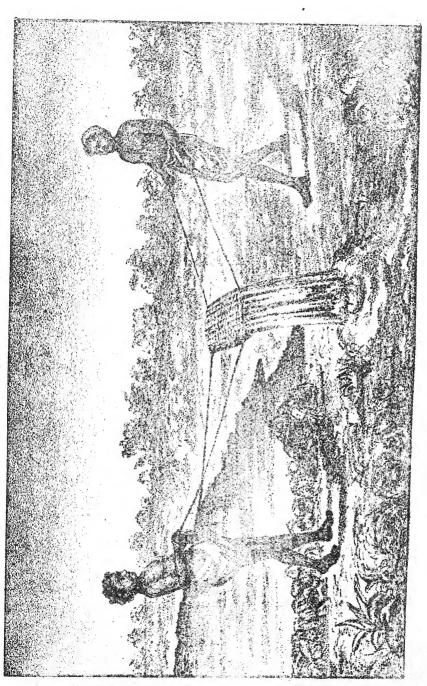
CHAPTER XII.—IRRIGATION FROM TANKS AND STREAMS.

- 948. Water is raised from these either by the swing-basket or by the spoon-lever.
- 949. The swing-basket.—The swing-basket is generally चेर sair to the west and चाँड chānr in Central and Eastern Bihār. In Tirhut it is also द्वांच dhos, in South-West Shahabad द्वारा daura, in Champāran and Gaya चर sar, and to the south-east चेन sain. The strings from which it swings are चार dor or चीरो dori. The place where the men stand who work the basket is बारपीर gorpaur, or to the west पीधा paudha. In South Bhagalpur it is चनार sainār. The men who work it are च रवाच sairwāh, चड़िनाइ chanriwāh, or दोचनाइ dhoswāh in the above-mentioned localities respectively. To work the basket is चेर (चाँड or दोड) चनारच sair (chānr or dhos) chalāëb. In South Bhagalpur it is चनारच sain barāëb. The pit from which the water is lifted is चड़ियार chariyār in Gaya and South Munger.
- 950. The spoon irrigation lever.—This is a long log of wood hallowed out like a spoon. It is so balanced that the bowl end is oven the water to be raised. It is depressed into the water by the foot, and rising by its own balance, discharges the water along its stem into the higher catch-basin. It is called the don to the west, and attakarin or attakaring to the east. The man who works it is called that donwah and attakarinwah or attakaringwah respectively. The place where he stands is ulti pautha in the west and many latmara in Tirhut.

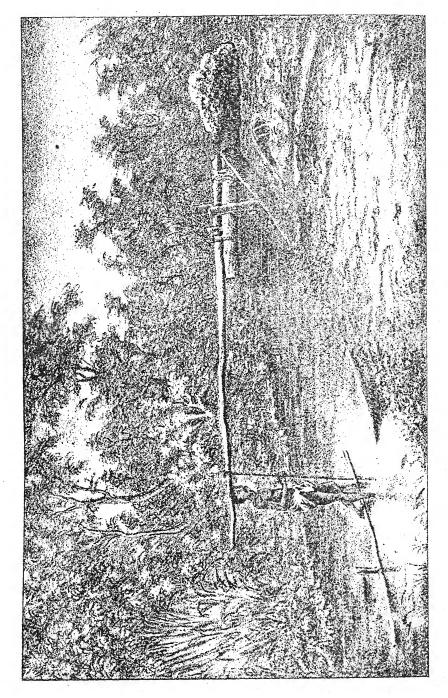


Irrigation bover (taina), showing the method of discharging water





Water-lifting with the noing-basket (sair or chanr).



Irrigation lever (latha), showing the method of taking in water

CHAPTER XIII.—WATER-LIFTS AND TERMS COMMON TO IRRIGATION BY THE SWING-BASKET AND THE SPOON- LEVER.

- 951. The height to which the water is lifted is बोहर bodar in Sāran and Shahabad, आनुआ anua in Champaran, and सार gār in North-West Tirhut. South of the Ganges it is चढ़ाव charhāo अनीआ anaua in South-West Shahabad, and एवाँव eghānw, &c., as follows.
- 952. When there are severall lifts, the first reservoir is called येवसा thewka in the north-west, पहला गार pahla gār in North-West Tirhut, and कानर kānar in North-East Tirhut. South of the Ganges it is खनाना khajana or एचाँच eghānw. Of this last there are local variants एचाँच eghāwa in Patna and एचाँच eghāy in South Bhagulpur. The top of the lift is अहानी arāni to the west, and धाँचा sītha in South-West Tirhut, Patna, and Gaya. The catch-basin from which the water flows into the field is तीचा tītha to the west. It is also पाइन parchha in South-West Shahabad, and देखवानी melwāni in Gaya.
- 953. When there are two or more lifts, the second from the bottom is হাৰাৰ doghānw, with a local variant হাৰাৰ doghāwa in Patna. The thirl is ল বাৰ teghāwa, or in Patna ল বাৰা teghawa. The fourth is বাৰাৰ chawguhānw. These lifts are also called ই ডকা the üka in South-West Shahabad. Thus হাই ডকা do the üka, নীৰ ই ডকা tin theuka, &c. The raised bank between the two reservoirs is ভাৰা khānwān in South-West Shahabad and মাই menr in the rest of that district. In Gaya it is ঘাই pīnr, and in Patna আল্ল alang. In South Munger and Patna it is আছে ahar, and elsewhere ৰাষ bāndh or ৰাহ্ছ bānh.

CHAPTER XIV .- WATER-CHANNELS.

954. The channel which conveys the water into the field is generally un pain or use paini. In Patna, Sāran, and Shahabad it is also need karha, and in South-West Shahabad need bāha. In Tirhut it is use pauth or end dawan, and in North-East Tirhut used pauti. In South-East Tirhut it is need. To the west nari is also used. In the south-east and Champāran we find used dānr, and also (in South Bhagalpur) wing singha. In North-East Tirhut und kanwa, and in Patna and Gaya nave kanwah, is a narrow branch channel leading from a un pain. A water-course generally is not

naddi or (in South Bhagalpur) जह ही laddi, and its branches बाह्य bāha or (north of the Ganges) बहुना bahna. In Shahabad हेर chher is a shallow spring of water, and its branches निगर्देन nigrain. In Patna and Gaya भोकिला bhokila and टॅंड्जा tanrua are small water-channels. The latter is smaller than, and is a branch of the former. A turn in a water-course is मोरानी morani in Patna and the north-west, and घुमान ghumān in Champaran and North-East Tirhut.

AGRICULTURAL PRODUCTS AND THEIR ENEMIES.

SUBDIVISION I.

AGRICULTURAL PRODUCTS.

CHAPTER I.—WHEAT.

- 955. Wheat (triticum vulgare or sativum) is n g gehuñ north of the Ganges. In East Bihār generally, however, it is ngu gahum. To the west it is also n g gohuñ, and elsewhere south of the Ganges and in North-East Tirhut n gu gohum. In Gaya it is also un manda. Cf. § 823.
- 956. The chief varieties are म ्डिया munriya, a first-class beardless wheat. In South-West Shahabad this is मं दिलवा munrilwa, मुद्दवा murla in Saran and Patna, and मुड़ली murli or भ ड़िया bhuñriya in Gaya. दाउदी daudi or दौरी daudi in West Bihar, or to the south-west and in Gaya दौदिया daudiya, is an excellent white beardless wheat. In Tirhut it is known as जमाल खानी jamāl khāni. A white round-bearded wheat is known as द्धी dudhi or द्धिया dudhiya in South Tirbut, Patna, and South Munger. In South Bhagalpur it is पचरुखी pachrukhi खलका lalka in Shahabad and South-West Tirhut, देंसी desi or देंसिसा desila, and हरना harna or हॅररहवा hanrrahwa, in the north-west, TITI hara in Tirbut, TETI harhara in South-West Tribut, इड़हा harhu (Patna), के वजहा kewalha (Gaya), and जमाजी jamali or जमरिया jamariya to the east, are a small-grained red wheat. जनका lalka also occurs in South Munger. North of the Ganges दोगला dogla is a mixed wheat composed of जमाल खानी jamal khani and हाडा /āra वड़गहमा bargahuma in South-East Tirhut is a large bearded wheat. In Shahabad Tel renra means stunted wheat.
- 957. The germ of a grain of wheat is south of the Ganges দুনী putti. When a grain of wheat germinates first, the sprout is called মুহয় suiya or ভ্ৰম sūa; also অনুদ্য ankurha to the north-west, and

कती kanni in Patna. In North-West Tirhut it is डेफ Peph, and to the east इसी dephi. The phrase used is सुद्धा गैल suiya gail north of the Ganges, or Ex Gango deph niksal in North-East Tirhut. To the west they say रेड्ड वा renral ba or रेड्ड में ल renr gail. they say न जा जाने हैं sua uwe hai, and in Patna किन्याएल जान॰ kanivä el awa hai. When it has further sprouted, but has not vet taken firm root, it is util putra. When the blade throws out shoots they are called 'डिन्मो dibbhi; also डामी dābhi in South-West Shahabad, and Zin tembhi in Patna. When about six inches high it is called कौ आ ख कान kaua lukān in Gaya, Saran, and Shahabad, and कीचा कापान kaua jhapān in the south-eart, both meaning sufficiently high to hide a crow. When it is cut unripe it is known as TIET horha. or (Tirbut and the South-East) আছো orha, and (optionally) in South Munger as होनहा holha When the car begins to form, they say र डा में ल बा renra bhail ba in the north-west, मभा भेज बा gabha bhail ba in South-West Tirlut, and गरहड़ा भेज व्यक्ति gamhra bhel achhi in the rest of Tirhut. In Shahabad they say इ धियारन dudhiyāël. In Patna and Gaya, a similar phrase, or the phrase nद्राएल है gadrāël hai, is used, and in the south-east they say इधेलें dudhailai गदश्यल gadrāël is also used in Tirhut. When the grain hardens they say it is इवडाएल habsāël in South-West Shahabad, केलाएस keiläël generally; in Saran and West Tirbut also মীতাত্ত gotāël, অঘণনা adhpakku in Gaya, केला में ब kaila gel in Patna, and कलाएल kalāël in the south-east.

958. The beard is হুঁড় tūnr or হুঁড়া tūnra to the west, and হুড়া sūngh or হুঁমা sūng elsewhere. In South West Tirhut it is হুঁড় sūnr. The ear itself is বাৰা būl, except in North-West Tirhut, where it is বাৰা būl; in South-East Tirhut, where it is বাৰা sīs; in South Bhagalpur, where it is হাঁঘা sīsa; and in South Munger, where it is হুঁমানা tungna.

CHAPTER 11.-MINED CROPS.

959. Wheat and barley grown together are गोजर gojaī. A mixture of peas, gram, barley, or wheat, or any two or three of them, is called तरा terra in South-West Shahabad, गजर मधर gajar masar in the rest of that district, गजर बजर gajar bajar in Champāran, गजा बजा gaja baja south of the Ganges generally and उटा utra in Patna. In the north-west it is पैरा paira, in West Tirhut पर pair, and in East Tirhut पर paur or बेसरा bajara. Barley grown with the small pea (कराब kerāo) is जो कराइ jau kerāï

generally, also जो मटरा jau matra to the west, जकराइ jak rai to the south-east, and जब केरवा jab kerwa in North-East Tirhut. Other names are जुसहो केराव kusahi kerāo in l'atna and the south-east, कीसी kosi in South Bhagalpur, and इरफोरवा कराव harphorwa kerāo in South-West Shahabad. विरा terra or वर्दे beraī in Shahabad is barley mixed with gram, and the same is called जब बुद्दा jab butta north of the Ganges, and जो बुद्दा jo butta in the south-east. जो विचा jo khesra is a mixture of barley and peas (विचारी khesāri) in the south-east.

960. When there is a mixture of crops, the inferior one is called বাং tari when compared with the other. Thus in জা কাৰে jau kerāi the small pea (কাৰে kerāo), being the inferior, is the বাং tari.

CHAPTER III.—BARLEY AND OATS.

- 961. Barley (hordeum vulgare) is লী jau generally. In the northeast it is লব jab, and in Patna and the south-east লা jo. North of the Ganges লই jaī (also in Shahabad) or বলায় jantari are shoots of barley artificially grown and distributed by Brāhmans at the festival of the Dasahra. In Gaya they are লবায় jawāra, and in Patna লবা jainti. The prickly hairs on the ear are হ's tūnr in West Tirhut, Sāran, and Shahabad; হ'ব tūnra or মুটা sūnrha in Champāran and Tirhut; মুড় sūnr in South-West Tirhut, and also মুল ঘায়াপ or মুলা sūng in Patna and the cast generally.
- 962. Oats (avend sativa) are called the sister of barley, and are hence named ৰাই jaī or ল jai.

CHAPTER IV.—RICE.

963. Rice (oryza sativum), whether as a crop or threshed but unhusked, is called ঘাৰ dhān. When husked it is মান্ত chāür, but the Hindi form ঘাৰৰ chāwal has also been noted in Patna. Husked rice is of two kinds, viz. আৰো arwa, which is not parboiled before husking and is eaten by the higher castes, and the cheaper, which is parboiled before husking and is eaten by the lower castes. This latter is called ভাৰেৰ usina, ভাৰৰ usina, or লামান্ত josānda. Rice when partially husked is called মহন্ত muhchur in Gaya, ৰাম্য bokra in Sāran, and ছিলামা khijāya in North-East Tirhut. Rice boiled plain is মান bhāt, when boiled with pulses it is ছিলাম khichri, and when spices are added to this it is মুবল ছিলাম্ব bhānai khichri or কৰুলা kabūli; also in

South Bhagalpur होंको chhaunki. When rice is boiled to a mash, it is called गोलह्य gelhath or गोलह्यो golhathi. In Gaya पनिह्या panihata is a dish made by adding water to the rice left from last night's supper. In addition to the usual names, जार विंत, पोचार poār, &c. (see § 894), the long straw of transplanted rice is called मोरो पेटारो mori petāri, or (in Champāran) पेटाहो petāhi or (in Shahabad) पेटारो petārhi.

964. The varieties of rice grown in Bihār are very numerous, as is borne out by many proverbs such as the following:—তেমুম আ ঘাৰ ক আই বাছি ই rajpūt o dhān ke or nāhiñ hai,—there is no limit to the clans of Rajputs or the kinds of rice; ঘাৰ ৰামৰ ক ঘাৰ তাৰ dhān bābhan keñ ekke hāl,—rice and Bābhans are one and the same (in number of kinds). Rice may be divided into two broad classes, those which are sown at once broadcast and are called ৰামা bāwag, ৰামান bāög, (in Gaya) ৰামান bogera, or in Patna ৰামহা bogha, and those which are sown in seed-beds and transplanted, being called হাম rop or হামা ropa or (in Gaya and Patna) হামহা ropha. At the same time it should be noted that practice varies with locality, and that a kind of rice which is ৰামা bāwag in one place may be হামা ropa in another.

A .-- RICE THAT IS SOWN BROADCAST.

965. (1) This is a red rice, and ripens in sixty days from sowing, as in the proverb—

साठी पाक साठ दिन, बरखा होखें रात दिन. Sathi pake sath din, Barkha hokhe rät din.

-Sāthi ripens in sixty days if it rains night and day.

In the east it is also called মঁমা gambhri or মাহর gamhri. It is sown in the month of Jeth (May-June), and is cut in Sāwan (July-August).

- (2) चोकना sokna (north-west).—This is sown with the first fall of rain in Jeth (May-June), and is cut in Bhādoñ or Āsin (i.e., in September). This crop is also called भदेश bhadaiya.
- (3) The following are sown in Phagun (February-March) and Chait (March-April), and are cut in Aghan (November-December). The names were principally

collected in East Tirhut, and unless the contrary is specially stated do not apply elsewhere:—

- (a) অকাল বাহ akāl bīr. (In Sāran অবাল মীহ akāl gīr, and in Porth-East Tirhut also কালা মীহ kāla gīr).
- (b) ভবামৰ ujāgar, or in Sāran ভামৰ jāgar, which name is also current in North-East Tirhut.
- (c) चनावक chanābak.
- (d) मलमरदन jhalmardan.
- (e) इरमी darmi (also known in the north-west).
- (f) ইন্ধানিয়া desariya (Tirhut and Champaran). In Saran it is called অন্তিয়া jasariya).
- (g) पीचर pichar.
- (h) वेलीर belaur (also known in the north-west).
- (i) Hite bhantin (Saran).
- (i) भैसबेट bhaislet (also known in the north-west).
- (k) लांजी lanji (Saran).
- (1) सतिर्या satariya (Sāran).
- (m) ভাছিল sāhil (Sāran).
- (n) सिंगश singra.
- (o) सोवरा sobra.

The therha is a white bearded rice sown all over Tirhut and in Champaran. The following (also East Tirhut) are sown in Jeth (May-June) They are sometimes sown broadcast and sometimes transplanted:—

- (a) धुसरी dhusri (also known in Champāran).
- (b) बस्तर bastar.
- (c) राम द् लाशी rām dulāri.
- 966. In South-West Shahabad the following kinds of rice are sown broadcast:—
 - (a) करंगा karnga) Two kinds with a black grain (also known
 - (b) करँगी karngi s in Saran).
 - (c) ক্ছেন্ন karhanni, a small black grain (also known in Sāran).
 - (d) Tares khātin, a coarse kind.
 - (e) सहदेश्या sahdeiya, a red kind.
 - (/) साठी sāthi. See above.

(g) Refiserha, a small black and white grain. Like the **uist** sāthi, it ripens in sixty days. The South-West Shahabad version of the saying already quoted is—

से ढा साठी साठ दिन, चैंव देव वरसे रात दिन

Serha sāthi sāth din, jemw deb barse rāt din.

-Serha and sathi take sixty days if it rain night and day.

In the rest of Shahabad the following kinds of rice are sown broadcast:—

- (a) पनवारी pansāri.
- (b) H'selfas bhuinsikar.
- (c) म्बा mūnga.
- (d) राम वर्षनी ram karhanni.
- (e) राम द लारी ram dulāri.
- (f) साहिल sāhil.
- (g) बिरहाट sirhant.
- 967. In Gaya sowing is done in the month of Akhār, in the lunar asterism of Aradra (June-July). About this asterism (ৰহুমহ nachhattar) and the two following ones the following rhyme is current throughout Bihār:—

श्चरदरा धान, पुनरवस पैया गेल, किसान, जे वोष चिरैया

Aradra dhān, Punarbas paiya, Gel, kisān, je boe Chiraiya.

-Paddy sown in Aradra turns into plenty, sown in Punarbas to chaff, and sown in Chiraiya (or Pukh) it turns to nothing.

The paddy is generally cut in the month of Pus (December-January).

Amongst the kinds of paddy sown broadcast in this district are-

- (a) यहलो edli.
- (b) क्तिका katika .- cut in Kātik (October-November).
- (c) कानवहा kunbada.
- (d) करहनी karhanni.
- (e) चाँगा jonga.
- (f) भंगा jhanrga.
- (g) धसरा dhusra.
- (h) रहेबा ratwa.
- (i) जलहेद्या laldeiya.

- (i) लोहरा lohra
- (k) सिरहरी sirhatti.
- 968. In Patna on the first fall of rain, which generally takes place in the asterism of Rohni, in the month of Jeth (May-June), the sowing is commenced. Paddy which is sown broadcast is divided into two classes—a red, which is considered superior, and is called annificat lalgondiya, and a tlack, which is considered inferior, and is called antital algorithms than bogho. The former kind includes are all karhanni as the principal. The ear is black.
- 969. In South Munger the following kinds are sown broad-cast:
 - (a) অভানে ajān, a white variety.
 - (b) कजरी kajri.
 - (c) কছেলী karkanni. See above.
 - (d faten khirdant.
 - (e) Enti chhagra.
 - (t) जीगा jauga.
 - (g) पनसाहा pansāha (a coarse red kind).
 - (h) बुद्वा burhwa.
 - (i) Tint rangi.
 - (j) ধহিছন sarihan, a white variety.
 - (k) terest sirhatti.
- 970. In South Bhagalpur the following kinds are sown broadcast:—
 - (a) कजरघरो kajargharo.
 - (b). मोचमा gohma
 - (c) चाँग chāng
 - (d) जी गा jonga.
 - (e) इ इसर dudsar.

B.—RICE THAT IS TRANSPLANTED.

971. This rice is generally sown with the first rains in Jeth (May-June). It is transplanted in Sāwan (July-August). In Patna the custom is to commence transplanting on the 5th of Sāwan, after holding a festival, called नक्षणंची nakpāncho, or the "fifth of the asterism (नखत nakhat)." The regular harvest is held in Aghan (November December). Before this, however, some is cut for the ceremony of निम्न पिरित bisun pirit (called in Sāran निम्निट्या bisunativa), at which Brāhmans are feasted on the new grain.

- 972. The following kinds of rice are transplanted in Tirhut:-
 - (া) অন্ত্ৰা anga, a black bearded kind.
 - (b) सनक जोर kanak jīr (Fast Tirhut).
 - (c) ক্ষাৰ kamoch, a black kind grown in North-West.
 - (d) mill karma, a long black kind (Tirhut).
 - (e) মন্ত্রমা gahuma, a red flat kind grown in North-Eart Tirhut.
 - (f) লাম্বিথা jagarnathiya, a similar kind grown in North. West Tirhut.
 - (g) ব্ৰহাৰ dudhrāj, small and white.
 - (h) বলিছয়া nanhiya (East Tirhut).
 - (i) বছৰে baharni (North-West Tirhut) or বছাৰো baharni (North-East Tirhut), a long white variety.
 - (i) भाज सरी bhāl sari.
 - (k) मनसरी manusri, a red variety (also known in Saran).
 - (l) माल भोग māl bhog.
 - (m) रमुनौ ramuni (also known in Sāran).
 - (n) জাল ইয়্মা lāl deiya, or in Sāran ললইয়্মা laldeiya, a red variety.
 - (o) বাহেন sarihan (north of the Ganges generally), sown in Baisākh (April-May) and cut in Sāwan (July-August).
 - (p) चित्रचट silhat, with a black husk but white grain.
- 973. In South-West Shahabad the following are transplanted:
 - (a) ব্ৰহা jalhor, possesses a fine grain.
 - (b) Fint jhengi, a white variety.
 - (c) दुधकाँड्र dudhkanrur, white.
 - (a) वासमतो bāsm iti, a superior white variety.
 - (e) वैतरनी baitarni, a reddish kind.
 - (f) भेड़कावर bhenrkābar, a coarse red kind.
 - (g) मान देखी māl dehi, a fine-grained variety.
 - (h) मुट्नी mutuni, white.
 - (i) रमज्ञा ramjūa, fine.
 - (i) जींगचूरा longchura (a black and very fine variety).
 - (k) चिरी केवल sirī kibal, white.
 - 974. In the rest of Shahabad the following are transplanted :-
 - (a) कार्यजोरा kanakjīra.
 - (b) इ. जहरा dulahra.
 - (c) दोखड़ी dolangi.

975. In Gaya the following are transplanted:

- (a) कमला पर्साइ kamla parsād.
- (b) गजपत्ता gajpatta.
- (c) महरा gudra.
- (d) गोखुल पूल gokkul phūl.
- (e) गोपाल भोग gopāl bhog.
- (f) डामुर भोग thakur bhog.
- (g) द्घिशिलास dudhqılas.
- (h) धनीवा dhaniwa.
- (i) ने घारा nau dhāra.
- (1) बक्तोइया bakoiya.
- (k) बतास फीनो batas pheni.
- (l) बनासा batāsa.
- (m) Witt branti.
- (n) वासमती bāsmati.
- (o) Hisai mādhwa.
- (p) मरधी murdhi.
- (q) जान नेसर lāl kesar.
- (r) साम जीरा sam jira.
- (s) स्त्रा पड्डो sūga pankhi.
- (t) संस्हा selha.

976. In Patna the following are transplanted :-

- (a) वसमतिथा basmatiya.
- (b) Eur saphed.
- (c) मियाच siyāh.
- (d) संसहा selha.

977. In South Munger the following are transplanted :-

- (a) wate and anar kali.
- (b) कजरो kajri.
- (c) কন্থাৰ বুম kanchan chūr.
- (d) बारो बांक kāri bānk.
- (e) गाजपती gajpati.
- (f) तुजसी पूज tulsī phūl.
- (g) दोनगी dolgi.
- (h) वासमती bāsmati.
- (i) gual lupdhi.
- (j) सिती खार sitī sār.
- (k) चेत्रा selka.

- 978. In South Bhagalpur the following are transplanted :-
 - (a) कनक चूर kanak chūr.
 - (b) कमोदो kamodi (a sweet-scented variety).
 - (c) गोख्न सार gokhul sar.
 - (d) दौना पूज dauna phul (a sweet scented variety).
 - (e) बाग नर bag nar.
 - (f) बांस पुल bans pliul.
 - (g) बासमतौ bāsmati.
 - (h) वासा पसिन bāsa pasin.
 - (i) मनसरा mansara..
 - (j) रमनिया ramaniya.
 - (k) राम इ हार rām dullar.
 - (1) EHTI hamcha.
- 979. Of all the above rices, the most esteemed is ধান আহা sām jīra. It is a fine kind, and when cooked its fragrance fills the house. The next best is ধাননা bāsmati or ব্যাধিয়া basmatiya, which is not quite so fine as the first. তাল্ল selha may be considered as the third best.

C .- OTHER MISCELLANEOUS KINDS OF RICE.

- 980. বাই boro is a poor kind of rice sown in Asin (September-October) or Kātik (October-November) in the mud on the banks of streams and lakes. It is transplanted several times in Pūs and Māg i (December, January, and February). ভাইৰ lamera or (in South-East Tirhut) কাৰ্ jhar or in (Sāran) কাৰে jhāran is rice which has fallen from the sheaves when reaping, taken root, and grown next year.
 - 981. Rice-lands.—Land which has been under a rice-crop is धनहर dhankar, धन्छित dhankhet, or धन्छितो dhankheti. It is also धन्छर dhankhar in Shahabad, धन्तियारा dhankiyāra in Gaya, and धन्हर dhanka in Patna. Fresh waste land ploughed up for rice sowing is खिलागर khilmār; also नवार खेत nawād khet north of the Ganges, and नाखाल naukhil in Gaya. In the south-east it is खिलालट khilkat or खिलालट्टी khāl-katti. To dig it in order to make it fit for sowing is खोल कोड्न khāl korab or खोल तोड्न khīl torab. The preparation of a rice-field is जारी (or कर्वा करें केंद्री केंद्री करें केंद्री केंद्री करें केंद्री करें केंद्री करें केंद्री केंद

Sāran, and মধান্ত কৰে masah karab in Champāran. A man who cultivates rice is ঘৰ্ছা dhanha to the west.

982. Seedlings.—A nursery for rice seedlings is বিহাৰ birār or বিয়াৰ biyār. In South-West Shahabad it is বিয়া benga. The seed is বীহন bihan, বিইনাই bihnāī or বীহা bīya, and the same words are also used for the seedlings of any crop; but the seedlings of rice are specially called মাই mori south of the Ganges and to the west. They are also called আই jaraā in Champāran. The bundles of rice seedlings ready for transplanting are আইlānti or আহিয়া antiya north of the Ganges and in the south-east, and the quantity transplanted at one place is everywhere except to the south-east বাৰ bān. Seedlings of বাহা boro rice which have been transplanted once and are again transplanted are called in North-East Tirhut আৰ khāru or আহোৰ kharuhān. For fuller information concerning seedlings and transplanting, see 855 and ff.

CHAPTER V.—INDIAN CORN OR MAIZE.

- 983. Indian corn or maize (zea mays) is समाई makaī or समेदा akaiya. It is also called जनेरा janera in the west and जिनोरा jinora in Patna, which names ought properly to be applied to the large millet (holcus sorghum). The stalks are उट्टा dhattha to the west and उटेरा thathera to the north generally. In South Bhagalpur they are उटेरो thathero, and elsewhere इंट dānt or इंटो dānti. The broken stalk is जमेर lather in the North-West and West Tirhut, and निमास nighās or निम्मा nighesa in East Tirhut. No special name for this has been noted south of the Ganges.
- 984. When the grains begin to form, but are not yet fit for eating, the ear is called सञ्चा sancha. The unripe ear is दुइ। duddha to the west generally, and also होशा dodha in Shahabad. Other names are खिला khichcha or सन् aju in Tirhut, दुश्योद्द duddhahottu in Gaya, दुइ। सकदे duddha makaī in Sāran and Patna, दुश्मोरी dudhbhoro in South Bhagalpur, and देतनमरा dantkamra in South Munger. When ripe it is सुद्रा bhutta or बाल bāl. When the seeds are ripe and hard, and not fit for eating, it is called पक्छ। इस pakthāil. The roasted ear is होस्हा horha generally, and also जोर्हा orha to the east. The empty cob after the grain is beaten out is लेए lenrha generally; also नेए। nerha in East Tirhut and किंद्री lenruri in Shahabad. In Patna and South-East Tirhut an optional name is बहरी baluri, and South East

Tirbut and South Munger वचरी balri. In South-West Shahabad the word used is खुबुड़ी khukhuri or खें। बरी khonkhri, and in South Bhagalpur इंड डी haddi. The grain beaten out is मोटा getā or मोट got. An ear with no grain in it is called भोराइ bhorāh or भोरहा bhorha north of the Ganges. When it contains only a few grains it is called पचाोटिया pachgotiya. The hair on the ear is भूआ bhāa to the west; also ঘুনা ghūa in South-West Shahabad. In Champāran and Gava it is called सन san. In Patna it is मोंक monchh ; in South Munger. मोका mochha; in Tirhut and South Bhagalpur, मोच moch er मोचा mocha. It is also called केसी kesi. The sheath of the cob is खोदया khoïya to the west, and amunical balkhoiya or and bokla generally. In Champaran another name is खलचोदया khalchoiya, and in South-West Tirbut again balko or alat kosa. In East Tirbut it is खोद चा khoincha, in South Munger प्रतीरा pataura, and in South Bhagalpur पोचो pocho. The male ear is called धनवाल dhanbal or धनहरा dhanahra.

CHAPTER VI.—THE LARGE MILLET.

- 985. Large millet (holcus sorghum or sorghum vulgare) is called जनेर janer or जनेरा janera generally. A variety of it is called मसुरिया जनेर masuriya juner to the west to distinguish it from maize (zea mays, see last chapter). So also it is called निह्या जनेश nanhiya janera in East Munger. Local names are ग्रेस् gehuma and जोन्हरी jonhri in Saran , जिनीरा jinora in Patna and Gaya, and महमा gahuma in South Bhagalpur. Amongst its varieties may be mentioned a large red kind grown in Shahabad, called जी धरी jondhri. This is called चिस आ गहम sisua gahuma in South Bhagalpur. A similar red kind is called TART raksa or रक्सी raksi. This millet is little grown south of the Ganges. The only other kind noted there is 45 tajra, which is described as a dwarf white variety (see however § 987). North of the Ganges द्राध्या dudhiya, or (in South Tirbut) लरकटिया larkatiya or नरकटिया narkatiya, is a dwarf white variety. The following also occur north of the Ganges :-भाजिद्दि i jhalariya, of which the head bends down, and which ripens late. Gol jethi in the north-west is a kind sown for fodder. A kind with two grains in one husk is called गेंह्यां genhuān.
- 986. The stalks cut up for fodder are to it dhather a or test dhattha to the west, and soit thather or soit thather a to the east. When the

young plant first germinates it is आँक्षरा ankura, and the young plant is दिव भी dibbhi or दोमो dibhi. The ears are वान bāl, or in East Tirhut optionally सीस sās. The large stack of the stalks cut up for fodder is गाँच gānj to the west and टाल tāl to the east. Local names are एम्हार khamhār or कांड् kānr in South-East Tirhut.

CHAPTER VII.—THE SMALL BULRUSH MILLET.

987. This millet (holcus spicatus or pencillaria spicata) is anst bajra in Saran. South of the Ganges it is sometimes incorrectly called मस रिया जनेर (or in Patna जिनोरा) masuriya janer (or in Patna jinora), which is properly a different grain, a variety of the large millet (holcus sorghum; see § 986). In South West Shahabad it is जींधरिया jondhariya, and in South Bhagalpur महमा gahuma. Just as the large millet is grown principally north of the Ganges, so this millet is grown almost entirely south of it. Hence there is great confusion in their names. The following terms relate exclusively to South Bihar :- The stalk is etz dant or etzt danti everywhere; also test dhattha in Shahabad and 33 thathero in South Bhagalpur. The first shoots of the plant are अ खुआ ankhua or सुआ sāa; also दिभिया tibhiya in South Munger and HEUT suiya in South Bhagalpur. To throw out shoots is खाँ ह आएव ankhuāëb or सुआएव suāëb. When the ear begins to show itself the phrase used is जलहात वा lalhāt ba in Sbahabad, रेड्रा भेज है renra bhel hai in Gaya, जहलहा रहल है lahlaha rahal hai in Patna, खड़ा गंज ara gel in South Munger, and इनहनारके halhaläichai in South Bhagalpur. When the heads are blighted and grainless, they are zuzī thuntha in South-West Shahabad, The banjhar in the rest of that district and in West Tirhut, a s banr in Gaya, & gt thuttha in Patna, and म ड्या muriya in the south-east. The fluffy flowers are घोषा ghompa in South-West Shahabad, STAT jawa in South Munger, and पुतको phulko in South Bhagalpur.

CHAPTER VIII.—THE SMALL MILLETS.

988. These are-

(1) Panicum Italicum.—This is ইনুনী tanguni to the southwest and in Sāran, and হাঁনুৰ tāngun in Sāran and Gaya.

Elsewhere it is কানি kauni, or in South Munger optionally কাডন kāun.

- 989. (2) Panicum mileaceum.—ৰাবা sānwāñ or ৰাবা sāwāñ.
 In Tirhut it is also বামা sāma, and in South Bhagalpur
 ৰয় sama.
- 990. (3) Eleusine coracana.—This is the most important of all the millets, forming the staple food of a large portion of the population. It is मँड् आ marua or सड़आ manrua. The empty dry ears after the grain has been taken out are ভাঁহী danti north of the Ganges; also কৰ আ katua in North-East Tirhut, Alti morhi in South-East Tirhut, and प्ती putti in South-West Tirhut. In South-West Shahabad they are खोलड़ी kholri, and in the rest of that district with bhūsi. In Patna and Gaya they are भूसा bhūsa or खलकोइआ khalkoīya, and in the south-east they are सुख डा bhussa. The stalks are ने तजा nerua or बेत्या lerua to the west, and जार lar to the northeast. Another word current to the north-west is and dhattha. In Patna they are TI nār, in Gaya नारा nāra, and in the south-east जारूआ larus or नर्जा narua. In Gaya and the west ets danth or ets dant or Fizi danti is also used. The green ears roasted for food are उस्मी ummi or जमी ūmi to the west and in Tirhut, and जनी uni in Champaran. When cut somewhat riper, but not quite ripe, and then roasted, they are Elest horha generally, and sittle orha in Tirhut and to the east. They are optionally stast holha in Champaran and South Munger. In Shahabad they are FIJE habus, and south of the Ganges generally चूँ धनी ghunghni or घुधनी ghughni. This being an important food-crop, there are many popular sayings concerning it. The following may be quoted :-

जब मड् जा जा की गाकी भे ज।
धिया पुता सुख सुख माकी भीज॥
जब मड् जा में बाज भेज।
धिया पुता को गाज भेज।
Jab marua a ke gāchhi bhel,
Dhiya puta sukh sukh māchhi bhel.
Jab marua meň bāl bhel,
Dhiya puta ke gāl bhel,

-When the marua began to sprout, the children dried up like flies (i.e., their food had been used for seed-grain); but when the marua came in the ear, the children got (fat) cheeks.

मड् आ भीन चीन धङ्ग दही। कोरो के भात दुध धङ्ग सङ्घी॥

Marua mīn, chīn sang dahi, Kodo ke bhāt dūdh sang sahi.

-Marua should be taken with fish, china with tyre, and milk with kodo.

कोरो मड़्, या यन निर्हं। जोतहा धुनिया चन निर्हं॥

Kodo marua an nahin,

Jolha Dhuniya jan nahiñ.

- -Kodo and marua are not really food grains, (i.e. they are despised as poor men's food), just as weavers and cotton-carders can never be cultivators.
- 991. (4) Panicum frumentosum.—This is বিৰয় chinna or বান্ chīna, local variants being বান chīn in East Tirhut and বাল্ল chīnh in South-West Shahabad. It is of two kinds in Sāran,—মীহিয়া gauriya and হল্লভা raksa. The grains when boiled and then parched are called মান্য mārha, or মান্য mānrha, or in East Tirhut মান্ত mār.
- 992. (5) Paspalum frumentaceum—This is কাই kodo. In Shahabad a smaller variety is called কাই kodaī.
- 993. Miscellaneous.—HATI makra (eleusine ægyptica), a kind of grass of which the seeds are eaten. In the North-Western Provinces this name is applied to eleusine coracana, but not in Bihar.

CHAPTER IX.-PULSES.

- 994. Among the pulses are-
 - (1) Cytisus Indicus or cajanus.—This is tet rahar or tetl rahri.
 In North-East Tirhut it is also called tes raihar, tieft rahari, or test rahar. The dry stalks are test rahetha

north of the Ganges, or tets rahath or ties rahath in East Tirbut. South of the Ganges we have with haretha or vital raretha (also used in Tirhut) in South-West Shahabad. ষ্টারে rahretha in the rest of that district, ব্ছাটা rahraitha in Patna and Gaya, जहरैंडा lahraitha in South Munger. and लाडो laretho in South Bhagalpur. The pods are दिंदी dhenrhi generally, and Etil chhemi also north of the Ganges and in Shahabad. To the East they are also छीमिं chimari or द्विमड़ी chhimri. In Gaya they are also क्षीमी chhimi, in Patna डिक्टी dindi, and in South Munger हाँडी dānri The stalks used for fooder are भूस bhūs or भूसा bhūsa; also कडुआ katua in Patna and कडुओ katuo in the south-east. This and other pulses when sprouting are known as डिन्भी dibbhi or डीभी dībhi, except in the north-east, where they are now gachh. Bread made from this pulse, gram (අ ट būnt), and phaseolus mungo (포함 mung), is called for litti or that roti north of the Ganges (both these words being general terms for bread made from any grain), HHII bhabhra in Patna and Gaya, and चितावा chitawa in South Munger. वरी bari is a kind of round cake or fritters made similarly.

- 995 (2) Phaseolus mungo.—This is सङ्ग mung or स्था mung. In North-East Tirhut it is also called में हा मूंग manha mung. The pods are called the same as those of cytisus cajanus (एहर rahar). The stalks used for fooder are में गरा jhengra in Saran, Gaya, and South-West Tirhut, भार jhar in Champaran and North-West Tirhut, हांड danth in North-East Tirhut, and ग्राह्म gāchh, भामहो jhamri, or भाग jhang in South-East Tirhut. South of the Ganges they are भूष bhus or भूषा bhusa; also कहुआ katua in Patna and आह आहे kutuo in the south-east.
- 996. (3) Phaseolus roxburghii or phaseolus radiatus.—This is द्वित्यार्थ or (south of the Ganges optionally) द्वारो urdi. In East Tirhut it is also called कलाइ kalāï, कराइ karāï, or मास कलाइ mās kalāï. There are several kinds, e.g., होमा doma (East Tirhut), which bears in Pūs and Māgh (January); जाही larhi (Sāran and South West Tirhut), नाह, narhu, नाहो narho, जाहो larho or असनी asni (Tirhut), or अनुद्वा aghanua (Sāran, Cham-

pāran), which bears in Aghan (November-December); त पद्धी tepakhi (Sāran and South-West Tirhut) or कतिका katika (elsewhere north of the Ganges), which bears in Kātika (October-November); and भद्दी bhadwi (South Munger), which bears in Bhādoñ (August-September). Another division is into black and green varieties. The black varieties are एका danga (North-East Tirhut), कारी kāri, करिया kariya (Shahabad and the southeast), काला kāla in Gaya, and स्थाइ siyāh in Patna. The green kinds are दुलबुद्धी tulbulli in North-East Tirhut, इरिया hariar in Shahabad, इरा harra in Gaya and स्वजी sabji in Patna. The pods are एको dhenrhi, इसी chhemi, &c., as above.

- 997. (4) Phaseolus aconitifolius.—This has only been noted south of the Ganges. It is generally called মাথ moth. A smaller variety is মাথা mothi. The stalks used for fodder are মুষ bhūs, ক্ৰুৱা katua, &c., as above.
- 998. (5) Ervum hirsutum (one variety) or cicer (or vicia) lens (another variety).—This is HULL masuri.
- 999. (6) Miscellaneous.— कुर्यो kurthi (dolichos biflorus), खे बारी khesāri (lathyrus sativa), * भेंट bhent or भेंटवांस bhent-wāns, खे त मास khet mās or खेत मास khet māsu (North-East Tirhut), which is apparently a variety of phaseolus radiatus, भिरंभी bhirngi (a kind of wild pulse eaten by the poor), and (Shahabad) खतरी latri.

कुरक तारो, बैंत खेंचारी, बामन खाम, बायच काम.

Iuruk tāri, bail khesāri, Bāman ān, Kāyath kām.

^{*} It is unwholesome for human beings, but bullocks eat it greedily, e.g., in the saying—

CHAPTER X.—PEAS.

1000. Peas (pisum sativum) are of various kinds. The large variety is सहर matar, or in South-West Shahabad सग्रहर mantar. A smaller variety is के राव kerāo. This is often sown with barley, when the mixed crop is known as जो के राइ jau kerāi, &c., see § 959. The principal varieties are क्या kabili (north of the Ganges) or क्या kabli (south of it), which is a large white kind. It is also called च बजी ghebli in South-East Tirhut. North of the Ganges सगरा sugwa is a small green variety. Another kind is known as बजारे bajri in Champāran. बटरी baturī in Shahabad, and अमही kusahi in Patna, Gaya, and the south-east, is a small black variety. In South Bhagalpur it is called भिरागर bhithgara. Another variety is स्विचार dabliya in South-West Shahabad, स्वज किराव dabal kerāo in the rest of that district, and दिनकी dhābli in Patna.

1001. When the plant first appears above ground, it is called Gould dibbhi north of the Ganges and in Shahabad, but in the south-west of the latter district it is ETH dabhi. In North-East Tirhut it is also colled गास्त्री gachhi. In Gaya and Tirhut it is अ ब्रास्त ankura, in Patna and Tirhut अंख्या ankhua, in South Munger कानी kansi, and in South Bhagalpur no z gaiur. When the pod appears, the phrase is to the north of the Ganges पटा जागत वा pata lagat ba, or a similar phrase. In South-East Tirbut they say that the plant is uziva patāël or uzi patra. In Shahabad they say it is nected gadrāël; in Gaya and South-West Shahabad they say টটো আমজ ই (or আ) dhenrhi lāgal hai (or ba); and in Patna डिकडो जामल इ dindi lagal hai. The pod when fully formed is देंदी dhenrhi, इसी chhimi, इमी chhemi, or इसिड़ी chhimri to the north, and to dindi to the south. In South Bhagalpur it is tel dhenri. The unripe pods are माइ gād or मादा gāda, and when used to make a pottage they are called बटकार batkar in South-West Shahabad. The young shoots are also used for pottage. These are called north of the Ganges साम say or भानी bhaii, the latter principally to the west. When cooked to a soup it is called ut a parch and in Patna and Gaya The jhor. In South Munger they are चन्दा chanda, and in South Bhagalpur मटरी साम matro sag. The young shoots cooked with pulse are called दलपता dalpainta in South-West Shahabad, and total daleagga in Patna, Gaya, Saran, and the south-east.

CHAPTER XI.-GRAM.

- 1002. Gram (oicer arietinum) is बं्ड bunt generally. It is also called चना chana in Sāran, नेहास bedām in East Tirhut, and रिजा rahila* to the west.
- 1003. नोनी noni or खटाइ khatāï is the oxalie acid and acetic acid which form on the leaves. In Shahabad पीयर pīyar is a kind of which the grain is yellow pointed, and नंदी būnti, or in Patna चनी chani, is a smaller variety. Another small variety is नहरी baturi in Shahabad.
- 1004. The young shoot as it first appears above ground is said to be सुर्माइन sueāil. In East Tirhut they say of it यु है पें नाजिन sūi phenkalkaik. The shoot is called टाम dābh in South-West Shahabad, and जिंगी dābhhi in the rest of that district. In South Munger it is दिन्मी tibbhi, and in South Bhagalpur गन्य gajur or यूमा sūa. The young leaves used as potherbs are known as या sūg or माजी bhāji, the latter principally in the west. The pod is दिन्ने dhenrhi generally, also क्रीमी chhāmi north of the Ganges. Another name is क्रीमिइ chhāmari or क्रिमेड्री chhimari in East Tirhut. In Patna it is दिन्ही dindi, and so also in South Munger. In South Bhagalpur it is दिन्ही dhenri and in South-East Tirhut optionally दौरी dāñri. The unripe pods are क्या kachra, and elsewhere क्यो kachri. When the gram appears in the pod, the verb used is गराय gadrāëb. The plant is then called in South-West Shahabad पटकी pathi, and in the rest of that district पटकी दि chatkoha. In Gaya the phrase is चिद्रा नामन है chitura lāgal hai,

एहि रहिला के पूरि कचौरी
एहि रहिला के हाल।
एहि रहिला के केलीं खिरवरा,
बहुत मीटेलें गाल॥
Ehi rahila ke pūri kachauri,
Ehi rahila ke dāl;
Ehi rahila ke kailīñ khirawara,
Bahut motailen gāl.

^{*} E.g. in the song-

[—]I made this gram into pari (thin bread fried in clarified butter) and cakes into pottage *khirawara* (cakes of rice-flour prepared in hot water), and my cheeks got very fat:

and in Patna चह हा धरिंच है chatta dharis hai. The husk of the gram is बल खा balukha in South-East Tirhut; elsewhere it is सुसा bhussa, मं बा bhūnsa, or भूबा bhūsa. Gram injured by rain is मराइब marāil, in Sāran गलल galal. In Tirhut it is मार्ज गेल māral gel. South of the Ganges it is पत्त्रमा patlaggu पत्त्रगुत्रा patlagua, except in South-West Shahabad, where it is उन्हार uktha, in South Munger दिव्यापल dahiyāël, and in South Bhagalpur दिश्याचल dagiyāl.

CHAPTER XII.—SUGAR-CANE.

1005. Sugar-cane (saccharum officinarum) is known generally as জান্ত ùkh or জান্তি ùkhi. In Tirhut, Patna, Gaya, and South-East Bihār a more general name is কালাই ketāri. In North-East Tirhut it is also known as স্থানিবাহ khusiyār. Among the varieties are—

क्रांडिहार kusihār (south of Ganges), a dwarf hard variety.

केतार (Gaya and the south-east), केतारा ketāra (Patna), केवाडी kewāli (Sāran), केवाडी kewāhi (Shahabad), रौदा raunda (South Munger), a tall thin variety. Ripens in Katik (October-November).

केवाली kewāhi,—see केतार ketār.

चिनिया chiniya or चिनियाँ chiniyan, which is a soft, large, whitish cane. Good for eating in Phagun or Chait (March). It is called पनसारी pansāri in Gaya and Shahabad, पनसाही pansāhi in Saran, and also पनहाही panchhāhi or पंसहिया pansahiya in the south-west of that district and in West Tirhut. In South Bhagalpur it is called पाँडी paunri.

गरगोरी nargori (North Bihar),—see नरीं की baraunkhi.

पश्चियारी pachhiyāri,—see पाँछ ा ponrha.

पनकाडी panchhāhi, पनसारी pansāri, पनसाही pansāhi,—see चिनिया chiniya.

पोंद्रा pontha (west), पोंड्रा ponta (Patna and Gaya), पश्चियारी pachhiyāri (South Bhagalpur), a tall, stout, juicy variety.

पाँडी paunri, - see चिनिया chiniya.

नरींकी baraunkhi (Sāran), नर जाड bar ūkh (South-west Tirhut), or नरगोरी nargori (North Bihār generally). This is thiu, with a reddish bark. The juice is sweet and thick.

भ्राती bhurli (North-West Bihār and West Tirhut), a very thick short cane, full of juice. Fit for eating in baisākh (April-May).

मनगो mango,—a small, hard, red cane.

रेवड़ा renwra (North-West Bihār and South-West Shahabad) or सकरचीनी sakarchīni (Patna and Gaya) —a yellowish kind, not good for eating.

रौंदा raunda,—see केतार ketar.

जलगाँड़ी lalgonri,—a tall, red variety.

सकरचीनी sakarchīni,—see रॅवडा renwra.

बाही sāhi (South-West Tirhut),—a dwarf variety.

हयुनी hathuni (Sāran and West Tirhut),—a moderately thick variety.

1006. A cane-field is to the west ਭਗਾਂਚ ukhāñw or ਭਗਵੀ ukhāri. Elsewhere it is simply जाख (or कतारी) के खित ūkh (or ketāri) ke khet. Sugarcane land requires careful cultivation, or, as the saying runs, तीन पटावन, तेरह कोड़न tin patawan, terah koran,—three waterings, thirteen hoeings. Land prepared for sugar-cane is suit ukhānw in North-West Bihar. When the land is left fallow the autumn preceding the planting, the plant is called with porha in the North-West and in South-West Tirhut, and time sungar in North-West Tirhut. When an autumn crop is taken the season before planting the cane, the system is known as বাং jari to the west, or in Saran নাং nāri. In North-West Tirhut it is called सीत्रा dotura. South of the Ganges it is generally called चौमास chaumās. When cane is cultivated without irrigation, a layer of leaves, grass, & c., is thrown over the seed and acts as a sort of hotbed. This system is known as खदियाचील khadiyāöl to the west and in South-West Tirhut, and गोद्धा पटाएव goa patāāëb in North-West. Tirhut. To the west two ploughs are used in cane-planting. The first is simply called हर har or पहिंचा बाला हर pahiya'wāla har ; the second is called कान्छी के हर kanhi ke har in Saran and भरीनी bhathauni in Champaran. The second plough has a bundle of grass tied round it, called कान्ही kānhi or काँनी kānni, to widen the furrow. The furrow is everywhere सिराचर sirā ür, also रेड reh in North-East Tirhut. South of the Ganges a second plough is not used. In Azamghar the furrow is filled up by ploughing a second furrow alongside it, but in Bihār this is usually done by hand.

1007. The first watering of the cane is π τις ganda dhār in Gaya and South-West Shahabad; in the rest of Shahabad it is ξεση

chhenwka. In Patna it is प्राचा panganda, and in South Bhagalpur अध्यो प्राचन andhri patāwan. Elsewhere it is simply पश्चित परावन pahil patāwan. The second watering is कोड़ा kora in Patna. Elsewhere it is दोचर परावन (or पानी) dosar patāwan (or pāni,) with a variant दोचरो परावन dosro patāwan in South Bhagalpur. The third watering is आखरी ākhri in Patna; elsewhere, तेचर (or तेचरो in South Bhagalpur) परावन (or पानी) tesar (or tesro) patāwan (or pāni).

- 1008. Cane sprouting from the roots left since the previous season is known as खंदी khūnti north of the Ganges, and also खंदिया khuntiya in North-East Tirhut. When sprung from fresh seed it is known as चाउम bāwag, or (optionally) in Tirhut Tu rop. Cane sown after the autumn crop is cut is known as जरिया के ऊख jariya ke ūkh to the west, and also नारी के जख nāri ke ākh in Sāran. In South-West Tirhut it is होत्रा के अख dotura ke ūkh. Elsewhere it is known as चौमखिया chaumasiya. Cane cut up for seed is known as nigt genra or nigt genri to the west, and टोना tona or टोनी toni to the east. गुझी gulli is also used in Shahabad. In Patna it is also called पाँचड़ा ponhra, and in South Bhagalpur बोहन bihan. When only the top of the cane (which sprouts quicker than the rest) is cut up for seed, the pieces are called उँगेर anger in Saran, अंगेरा angenra in Gaya, आगारी agāri in Patna, आगरा agra in South Munger, and आका aga in South Bhagalpur. North of the Ganges they are called विधया badhiya or (in North-West Tirhut) फनगी phungi. The hole in which the cane slips are kept before planting is खाद khād in Sāran, खाता khāta in Champāran, गाइर gāra in Shahabad, गॅंड्सार yanrsar in Gaya, नलसार balsar in Patna, and टोनखाइ tonkhad or zinatat tonkhāwa in the south-east.
 - 1009. The sprouting eyes of the cane are आँखि ānkhi or आँखि ānkh in Gaya and to the west generally; so also in South Munger. In North Tirhut they are आँखिया ankhiya, and in South-West Shahabad अंखवा ankhwa. In Patna and East Tirhut they are अंखुआ ankhwa, and in South Bhagalpur अंखियाय ankhiyāy. When just sprouted, the cane is called पुत्राहो puāri in Champāran, पौरी pauri in South-West Tirhut, and गोभी gobhi elsewhere north of the Ganges. In Shahabad it is called पोर poi, in Gaya it is said to be अंकरायक ankurāël, in Patna अंखुआयेल ankhuāël, and in Sāran सदयायेल suiyāël. In South Munger it is दिस्ती tibbhi, and in South Bhagalpur स्थि diphi. The earth is hoed (कोइल koral) once after the cane has sprouted. This is called पुत्रारो के जीत puāri ke jot in Champāran, and अन्हरिया anhariya in North East Tirhut. Elsewhere it has no special name. The chief

hoeing is done in Akhārh (June-July), and is called अखाड़ी कीड़न akhārhi koran or अहरा के कोड़नी adra ke korni. To the west it is called अखाड़ी कोड़ asarhi kor, and in Gaya it is पासा pasa.

- 1010. The root is जड़ or जर jar to the north-east, and मूढ़ murh elsewhere north of the Ganges. In Shahabad it is se et jar khar, in Gaya and South Bhagalpur खंडी khūnti or खुरिया khuntiya, and in Patna and South Munger जड़ी jari or जड़िया jariya. When the sprouts are two or three feet high, they are called Zizi tonta in Patna. Elsewhere they have no special name: the plant is simply described as भर उँ हुना bhar thehuna, or in some similar way. The knots on the cane are uit por, and (in Shahabad) uit por. They are also called the gire or the gireh. When these become visible, the plant is called फीश्रना porāna in Champāran, Patna, Gaya, and the east generally. In West Tirbut they are fuert girhana, and in South-East Tirhut पोर क्रोरना por chhorna. In Shahabad they are called हें दीका denrauka. When the plant is ready for cutting, it is called स्त्रार्बन्ध, agarbannhu in Patna and संगर्बन्ध, angerbandhu in Gaya. In the south-east it is ste danr. Elsewhere it has no special name. A sprout of cane is site ankh north of the Ganges and in Shahabad and Gaya. In North Tirhut it is wifam ankhiya, in Patna wası ankhua, in South Munger काची kansi, and in South Bhagalpur गाँकी gonjhi. The leaves at the top and the upper part of the cane are sais agenr in the west, and n g genr in the south-west of Shahabad. In Patna and Gaya they are अंगरी angeri, and also अगरा agra in the latter district. In Tirhut they are unit pagar, in East Tirhut at chhip, and in the south-east पराड़ा pagra. The dry leaves at the top are पत्र न patain in Saran and South-East Tirhnt, yatt pathar in Champaran and North-West Tirbut, vaai patto in South-West Tirbut, and vace patras in North-East Tirhut. In Shahabad they are un's patai, in Gaya unit pataura, in Patna unger pathul, in South Munger unit pataura or until pathol, and in South Bhagalpur until pathor. Shoots coming from the knots are करारोजर kangojar or करोजर kanojar in South-East Tirhut.
- 1011. A branch springing from the bottom and injuring the plant is दाँज donj in Sāran and South-West Tirhut, पहारी pachkkhi in Champāran, फुटना phutna in North-West Tirhut, and गोभी gobki in East Tirbut. In South-West Shahabad it is कान्यो kankhi, and in the rest of that district गंचा ganwkha. In Patna and Gaya it is जाना jonka, and in the south-east une paguri. In South Bhagalpur

it is also uছু ব pahunch or ঘাইনাৰা pornowo. When a plant is attacked by insects, which are called in Sāran and Champāran ধানা জনিব or হাড়া tāra, it is called north of the Ganges ক্লাইল kanāil or বেড়ল ratral, or (in Tirhut) ক্লাই kanāh. The latter name is also current in South-West Shahabad, and variants are ক্লাইন kanāha in South Munger, কালা kāna in South Bhagalpur, and কালা kāna in Patna. In Gaya it is called বেছেল ratāēl, and another term in use in Patna is খোড়ল rasāēl. North of the Ganges a plant is called মুহ্মিনী মাজে muriyāri māral when the top withers and fresh sprouts (ইলা teni in Sāran and ছালা donji in Tirhut) come out from underneath.

- 1012. The green top cut for fodder is आए agenr or आरे anger in Sāran, में इ genr in Champāran and Shahabad, आरो angeri in Patna and Gaya, and also आरा agra in the latter district, and आगाइ agār in South Munger. In Tirhut it is until pagār, and in South Bhagalpur पाइर pagra. The piece between two knots cut for eating is पार por. The piece of cane chewed at one time is गुझा gulla, or (in Shahabad) optionally गुझी gulli, and the refuse thrown out of the mouth खोइया khoiya north of the Ganges. South of the Ganges it is generally खोइया khohiya or चेगुआ chepua, local names being खिडो sitthi in Shahabad and South Munger, (also used in West Tirhut) and चोपा chopa in South Bhagalpur. For the pieces of cane cut for the sugarmill, see § 288.
- 1013. A bundle of canes is uांचा pānja. A large bundle is बोका bojha, which is as much as can be carried by a man.
- 1014. Among the preparations of the sugar-cane may be mentioned रच ras, or क्यर kachras, and South Bhagalpur क्यो रख kancho ras, which is the juice of the cane. When boiled down and undrained, it is TH rab or (in Patna and Gaya) THT rawa. When boiled down for a longer time, it becomes TE gur or TE gur (often spelt गड़, गड़). When made up in smallish balls it it called भेजी bheli. Other names are fusts mithai, and when made round and flat, चाकी chāki and चकरी chakri in Sāran, and चक्की chakki in Patna and Gaya. The raw sugar which remains in the bag after pressing the rab is called that sakkar, or in Patna, Gaya. and the south-east egg sankar. When dried, it is called eis khanr or Hif bharra or Hall bhura, i.e., brown sugar. The molasses, or juice which runs out of the bag when the rab is pressed, is called with chhoa, or in South-West Shahabad ter sira. there misri is suger-candy or loaf-sugar, and tant chinni or and chini is refined brown sugar (ant sakkar or Hall bhūra). The molasses (will chhod) above

mentioned is used in tobacco manufacture, and is then called तमार tagār in Gaya, मरिया gariya in Patna, and फॉक phānk in South Bhagalpur.

1015. In a sugar-refinery रस ras (or in the north-west सरवत sarbat) is the raw sugar dissolved in water. मेल mail is the seum taken off the boiling-pans. To the south-east this is मेला maila, and in North-West Tirhut and Shahabad महिया mahiya. The boiled juice is सीरा sira, and the clear filtered juice रास के रस ras. To the north-west the juice after the first filtering is होमा doma, and after the second लोपारी thopāri. When the seum is mixed with water and again boiled it is called प्रसारा pasāwa.

CHAPTER XIII.—COTTON.

- 1016. The cotton-tree ((90ssypium herbaceum) is known everywhere except to the south-west as any banga or aint banga, with a local variant बांगी bango in South Bhagalpur. To the west it is called क्यास kapās, which properly means the cotton in the pod. Most kinds of cotton ripen about Baisākh (April-May). Amongst the varieties may be noted with at bhogila (north of the Ganges), a good kind with large pods, and of medium height; भोचरी bhochri (north of Ganges), a smallvariety, of which the cotton is apt to get blown out of the pod by the wind. परवाल phetwal is a kind grown in North-West Tirhut, and माचा gājar is one grown close to the house in the नारी bāri, and not in the fields, in North-East Tirbut and Shahabad; That rarhiya (Patna. Gaya, and the south-west), a dwarf variety; वह सा baraisa (Patna and Gaya), a large variety; लरमा larma (Saran), नरमा narma and ह वती henuti (Shahabad), a dwarf variety. Other kinds grown in Shahabad are व दहा bañrchha or वह हा bañrāchha, and मनवा manwān, and in Munger we find nian gola and the suphed. Tirhut is famous for a special kind of cotton which ripens in Bhādoñ (August-September). called anal kokti or neur bhadaiga which is of a red colour, and of which thread and cloth of extreme fineness are made. A dress of kokti cloth lasts a life-time.
- 1017. The uncleaned cotton in the pod is नामस kapās, also बाँगा bānga in East Tirhut, बाँगो bāngo in South Bhagalpur, and काँच रूआ kānch rūa in South Munger. To clean the seeds from cotton is ओटन otab or बाँडन ontab, and the operation is called बांडनी otni or बांडा otāi in

Saran, and sites auntar in South Bhagalpur. The last two words also mean the wages paid for cleaning. The cotton-pod is called to dhenrh to the north-west and to dhenrh in Tirhut and South Bhagalpur. In Shahabad it is titel dhonrh, in Gaya ter, in Patna and South Munger seat dindi or sight dinni. The cotton-seed is south Munger, and such bangaur in Tirhut, suffer bangaura in South Munger, and such bangth in South Bhagalpur. In South-West Shahabad it is sight bandaur. A cotton-picker is such torhnihar (which means simply 'gatherer') in the north-west; elsewhere there is no special name. North of the Ganges he or she is paid by a share of the cotton picked. This is called us pai in Saran and South-West Tirhut, us por in South-East Tirhut, and sign born in North-East Tirhut. In North-West Tirhut the share is a fourth of the corp, and is called us chauthaiya.

1018. The stages of growth in the plant are as follows :-

When the first leaf shows, it is called पतियारत patiyāël north of the Ganges. In South-West Shahabad it is इ बभी dubbhi, in the rest of that district डिब्भी dibbhi, and in Patna and Gaya कनियारत kanīyāël.

The next stage is होपतिया dopatiya to the north-west, and also south of the Ganges generally. In Tirhut they say it is कपारी फोरल kapāri phoral. In Gaya it is पतिया patiya, in South Munger होपती dopatti, and in South Bhagalpur इपतियो dupatiyo.

The third stage is चौपतिया chaupatiya or (to the north) चरपतिया charpatiya, and in South Bhagalpur चरपतियो charpatiyo.

The flower has no special name, and is simply called **u** a phūl. To flower is **yatua** phulāčb.

The pod bursting is sule was kapas phutab to the west, and in East Tirhut sint was banga phutab. In South Bhagalpur it is sinterest bango phutab, and in South Munger size phota.

- 1019. Raw cotton is auta kāpas, or ain bānga, ain bango, &c., as above. In East Tirhut ain bāng is also used. To the west aint bāngo means cotton stalks. From that rarhiya (raw cotton) about one-sixth clean cotton is obtained; from what bhochri and anal kokti, about a quarter; from what bhogila and saal heavti, about a third; and from usual phetwal, about two-fifths, there mijhra north of the Ganges is a mixture of what bhochri and what bhogila.
- 1020. Cotton is the subject of many proverbs, as (for instance)

bārāh bigha bāng, kamar men doro na—(here's a fine miser) he has twelve bighas of cotton and can't afford a string for his waist.

CHAPTER XIV.—TOBACCO.

- 1021. Tobacco (nicotiana tobacum) is this tamāku or this tamākul. It is little grown south of the Ganges except in South-Bhagalpur and South Munger. North of the Ganges there are three main classes:—
 - (1) इसी desi or (North-East Tirhut) बङ्की barki.
 - (2) विजायती bilāëti or (in Champāran and North-West Tirhut) कजकतिया kalkatiya.
 - (3) जिंद का jethua, which is sown in Magk (January-February) and cut in Jeth (May-June).

In East Bihār are found धमाञ्चल dhamākul, a broad-leafed variety, and पनस्तिया pandathiya and खंगस्ति khangrīwa, nafrow-leaved varieties.

- 1022. In Shahabad নাছৰ morhan are long leaves of the best kind, and ইত্তৰা chheua the next quality.
 - 1023. When manufactured, there are three main kinds :-
 - (a) Chewing-tobacco.—खेनी khaini or च्रती surti, or in Patna दोखता dokhta. Some people call this कत चुमके धाम्त kal jug ke amrit, or the ambrosia of the kali age:
 - (b) Snuff, which is नास nas or नस nas.
 - (c) Smoking.tobacco.—This is called पोजिन piani or पीनी pini generally. Among its kinds may be noticed जाजा kāla (North-West and South-East Tirhut) or पजिला pakua (Tirhut), which is the coarsest kind. जाजा kandai or अवना bhusna in South Bhagalpur, and गुँडी gānri in South Munger, is broken tobacco. जा आ karua or (in South Bhagalpur) जा karua is a second-class strong kind. दोखा dorassa, or in South Bhagalpur दोखा dorassa, is a mixed tobacco of fair quality. Another similar kind is called सवाजदार masāldār! or सवजीया mahkaua, खमोरा khamēra is a scented kind mixed with spices, and जारा sāda is the plain kind in common use.

shops, and दोकानी dokāni is the cheap kind used by the poor.

1024. The stalks are such danti generally, with local variants sta dant in South Munger and seal dantki in South Bhagalpur. In East Tirhut they are also siz danth. The refuse broken leaves and stalks are भाजा jhāla in the south-east, and in South-East Tirhut खरमान kharsan. When blisters come on the leaf when ripe, the verb used is चा ब charhab; also गुलिटियाएव gulthiyāëb or चितियाएव chitiyāëb in Champaran. The blisters themselves are called चित्रो chitti. seed-capsules are घुनी ghūni in Sāran, फर phar in Chāmpāran, and bichchi in Tirhut generally. The nipping or cutting off of the head is पता त्रव pata turab in Saran and South-West Tirhut, छोपनी chhopni in South-East Tirbut, and काटन kātab or कटनी katni else-Someteimes shoots appear after doing this, and they are called दोंजी donji. Other local names are पचली pachkhi in Saran and Champaran, कनोजर kanojur in North-East Tirhut, कन ल kanail or कांखी kankhi in South Tirhut, and कनई kanaī in the east generally. The first crop is called Hits morhan. A second crop raised from the roots is दौनी donji, or in South Bhagalpur खंदिया khuntiya. Tobacco seedings are called पोन्ना 100 in South Bhagalpur.

1025. Tobacco is the subject of many proverbs and tales. An example of the former is—

चून तमाक्क सान की, विन माँगो जे दे। सरपर नरपर नागपर, तीनू वस कर ले॥

Chūn tamāku sān ke bin mānge je de, Surpur narpur nāgpur, tīnu bas kar le.

-The man who mixes tobacco with lime (for chewing) and offers it without being asked conquers (by his virtuous action) heaven, earth, and the lower regions.

1026. A folk-tale about tobacco runs that a villager who went to a distant village to visit his friends found them smoking in the morning before they had said prayers, whereupon he said—

भोर भए मतुष सब जागे। इक्का चिलम बाजन लागे॥

Bhor bhae, manus sābh jāge, Hukka chilam bājan lāge.

—At daybreak the people awoke, and immediately the hukkas began to gurgle.

To which one of the smoking party replied—

खेनी खाए न तमानू पौए।

से नर बताव के से जीए॥

Khaini khāe, na tamāku pīe,
Se nar batāwa kaise jīe.

-Show me the man who can live without either chewing or smoking tobacco. This verse has passed into a proverb.

1027. Tobacco is often compared to the river Ganges, which has three streams,—one of which flows to heaven, another to hell, and the third to the world of mortals. So also tobacco has three branches, viz. snuff, which, by being smelt, goes upwards; smoking-tobacco, which, by being smoked, goes downwards; and chewing-tobacco, which goes neither up nor down.

CHAPTER XV.—OPIUM POPPY.

- 1028. Opium poppy (papaver somniferum) is पोसना posta or (in Patna) पोसन posat. The advances made to the cultivators are हाइनी dādni. The average produce per bigha is सर्ह पातर sardar partar or परना parta north of the Ganges and in Gaya In Shahabad it is माल māl, and in Patna पहा paida. The rough measurement of the field is जटावन्ही lathābandi in South-West Shahabad, and elsewhere south of the Ganges नाप nāp. North of the Ganges it is नापो nāpi.
- 1029. The poppy petals are फूज $ph\bar{u}l$, and the heads देंद्री denrhi, or in Patna दिखी dindi. The cakes of poppy petals are पुजारता phulpata in Chāmpāran, पुजारती phulpatti in Sāran and Tirhut, and प्राच pattal in Patna. Elsewhere they are रोटी roti.
- 1030. The instrument used for piercing the capsule is नहरंगी naharni, or in Tirhut optionally जहरंगी laharni. In Patna and Gaya it is नरसी narhanni. To lance the capsule is पाइन pāchhab. The milky juice which exudes is दूध dūdh, and the opium yield is माज māl. The scraper used for collecting the coagulated opium off the pod is called चित्रा situha or चित्रा situa. In South-East Tirhut sometimes a bamboo scraper is used, called पोइनी pochhai. The gathering of opium is उठाएन uthāëb generally. Local words are नाइन kāchhab to the north-west and in North-West Tirhut, and पोइन pochhab

also in North-West Tirhut. The person who lances the capsules is पद्धिकार packhnikār or (fem.) पद्धिकारिन packhnikārin, and he or she who collects the coagulated opium which has exuded from the capsule is उटोनिहार uthaunikār or उटोनिहारिन uthaunikārin. The grain of the prepared opium is हाना dāna, and its consistency सुन्तिन sukhwan.

- 1031. The grains of opium-seed are হাৰা dāna. The shell is ভাষো khoiya north of the Ganges, and ভাছিয়া kyohiya in Gaya. In South-West Shahabad it is ভাজাই kholri, in the rest of that district and in South-East Bihar ৰাজ্য bokla, and in Patna ৰাজ্য bakula. In Gaya বিহুষা chitura are poppy capsules which are empty and have not borne seeds. The oil-cake prepared from the seeds is प्रमा pinna or पोना pina.
- 1032. The refuse opium, consisting of the washing of the vessels, &c., is used dhoan north of the Ganges and used dhoa south of it. In the south-east it is used dhoe. The refuse scraped from the vessels is used khurchan, or (Gaya, South-West Shahabad, and South Munger) used khakhoran. The juice which drains off the fresh opium is used to pasewa. This is inspissated on rags, and the product is used to pasewa. This is inspissated on rags, and the product is used to pasewa in Saran and South Munger are local variants. The fluid opium used in pasting the leaves on the cakes is used lews in Patna, and the cakes themselves are used goti.
- 1033. Preparations of oplum.—सदस madak is made by boiling down and inspissating the juice (अरख arakh) of pure opium or क्या kapha. This inspissated juice is known as क्याम kimām or (in Gaya) क्याम kemām. With it are mixed out-up betel or guava leaves, known as जास jāsu. The pipe used for smoking madak is known as महस्स mahru or दिया thariya or दिया tharhiya, or to the south ast महस्स meru. A small piece of madak, known as द्वीटा chhita, is ignited in the bowl of the pipo with a spill of charcoal, called क्याम kalam or (in South Bhagalpur) क्याहा kangra, which is held by a small pair of tongs, called चिमटा chimta in the north-west and चेटी chūnti south of the Ganges.
- 1034. च्यान chandu or चाँच chāndu is the distilled juice of pure opium, and is smoked in an earthen bowl called चित्रम chilam to the north-west and द्वान dawāt south of the Ganges. This is attached to a stem called नमाजो nigāli in Sāran, Patna, and Gaya, नरचा narcha in Champāran, and नर nar in North-West Tirhut. Another name is वान bambu or वान bāmbu, bamboo. It is stirred with an iron skewer, called चन thak

When it is desired to make the preparation extra strong, the sediment which accumulates in the stem of the pipe is added. This is called well anchi south of the Ganges generally, and in South Munger, and and in South Bhagalpur. In Patna it is also called anti, and in Champaran and kaiti.

1035. पिनिक pinik is the drowsiness produced by opium intoxication, and चुसको chuski the quantity of opium water drunk at one time.

CHAPTER XVI.-HEMP.

- 1036. The hemp plant (cannabis sativa) is known as गाँचा gānia when cultivated in Rajshabai, and भाँग bhāng when wild elsewhere. The leaves are known as भाँग bhāng or भाइ bhang (generally), धनुची sabiji (north-west), or धन्ना sabja (Patna and Gaya: A favourite way of taking the drug is in the form of a sweetmeat, called मञ्चम majūm or माजूम mājūm. चर्च charas is the resin which exudes from the flowers and leaves.
- 1037. The flat gānja is वपटा chapta or विपटा chipta; also in Shahabad क्ली kali. The round gānja is गोच gol, also गिर्गिटिया girgitiya in South-West Shahabad, and also पमले pamri in the rest of that district. Broken gānja is रोरा rora or चूर chūr, or (in Gaya and South Munger) रदे raī In Shahabad वाल्चर bāluckar and जासर jāsar are two kinds of imported gānja. Gānja with stalks attached is called राष्ट्री dārhi in Shahabad. मेहनी medani or महनी medni is a plant taken with gānja.

CHAPTER XVII.-INDIGO.

- 1038. Indigo (indigofera tinctoria) is আৰ līl. The word নাৰ nīl used by Europeans is a Westernism borrowed from Urdu-knowing subordinates.
- 1039. Indigo sown before the rains and irrigated by artificial means is called पटीया pataua. The first cutting is मोरचन morhan. The second cutting is च्रिकेंशियारं or (in South-East Tirhut) दाँची donji, and the third cutting is called तैंची tenji or तेचरी telvi, or in the northwest तिराँटी tivanti. If the second or third cutting is allowed to grow on to the second year it is called कतम kalam or कामी kalmi. In South Bhagalpur there are two sowings (बाबा bāwag),—one called कतिकरे

katiki (कातिक Kātik = October-November), and the other फल्म्नी phalguni (फाल्म्न Phālgun = February-March). In North Bihār the chief sowing is the फ्रानी phaguni (फाम्न Phāgun = February-March), and there is a second sowing in अखार Akhārh (June-July), called अखारी arārhi or अखारी akhārhi. There are also sowings in का तिक Kātik (October-November) and वैसास Barrākh (April-May).

- 1040. The system of obtaining the plant from cultivators on advances is called दादनी dadni or दादन dadan in the north-west, in South-West Tirbut, and in South Bhagalpur. When indigo is grown by cultivators who have entered into an agreement to do so, it is called रेयती raivati or असामिवार asamiwar or असामियार asamiyar. Under the system called in the north-west en ette khush kharid. the planter advances money to a cultivator to sow indigo. also advances indigo-seed at a given rate, the price of which is recovered in the settlement of accounts. This is also called a khuski in Champaran and निवयतखानी nawishtakhani in North-West Tirhut. टीका के लोख thika ke lii is when the planter takes a village in farm and cultivates the zira'ats (जिरात jirāt) and such other land as he can secure. The special cultivation carried out by the planters themselves is जिरात jirat, or (in South Bhagalpur) वाडी bāri. The divisions of their estates are called form jila, each under charge of a formitte illadar, and a subdivision is (north of the Ganges) zit tok, under charge of a Zine tokdar.
- 1041. अजावा alāwa or चलाचे alāwe is indigo grown by the cultivator on his land after opium or other crop.

CHAPTER XVIII, -OTHER DYES.

- 1042. The following may be noted:-
 - (1) আৰ āl (morinda citrifolia).—This is used for dyeing red cotton cloth खान sālu and the coarse red cloth खान khāruān. The root is divided into classes, called बाना bāna. The best and thinnest roots are known as पूरा phāha. The thickest roots are कार्या kachri in Shahabad and South Munger, and लोड़न toran or गुड़ी gulli in Patna and Gaya. मेल mel in Shahabad is a mixture of the two kinds.
- 1043. (2) Safflower (carthamus tinctories).—This is जुसस kusum generally north of the Ganges, and कोसस kosum

south of it. A local name is \(\mu \) phāl in Tirhut. The seed is \(\text{is also called to the west and in Patna and Gaya \(\text{if barre.} \) The following are some of the colours prepared from safflower:—

खबमानी asman, light blue. कामी kāgī, navy blue. atest kāla, black, काहि सबुका kāhi sabuja, dark green. कसार्या kesariya, saffron-yellow. गुलाव gulāb or गलावी gulābi, pink. चंपद्रे champai, orange. नारक्षो nāranji, orange yellow. पेटानी paithani. Made by dipping into an indigovat also. पांत्रसाही phālsāhi, plum-coloured. बहामी badāmi or वेहामी bedāmi, almond-coloured. वैं गनी baingni, purple. माची māsi, a very dark green. लास lāl, red. खीला līla, dark blue. सन्जा sabuja, green. चूरमई surmai, antimony-black. इत्ख surukh, red. सोनच्ला sonāhula, golden yellow.

Of course all the above are not made from safflower alone, but it forms the basis of all. In most of the darker colours it is used in conjunction with indigo. The following riddle shows the comprehensive range of colours embraced by safflower. At a marriage procession garments of every bright colour are worn, and the riddle is—

बाप रच्य पेटे, पुत गील बरियात।

Bap rahal pete, put gel bariyat.

—While the father was still in the womb (i.e., pod), the son went to a wedding party. The father is the seed of the safflower in pod; the son is the safflower dye.

In the north-west অব্যা বৈল jarua tel is an oil extracted by means of heat from the safflower-seeds. It is called অতে আইল jarathua tel, and in Shahabad ভাষাে বিল darhua tel. It is used for applying to sores, and also for burning.

1044. (3) बन्स bakam (exembrina sappan).—This is a red dye, used principally where आस al is not obtainable.

CHAPTER XIX.—OILSEEDS.

1045. Oilseeds in general are चिक्का chikna, ते जहन तीओ telhan tisi, or simply ते जहन telhan. Amongst the varieties may be noted—

- (1) Mustard (brassica campestris or sinapis dichotoma).—This is सर्बी sarison or सर्बी sariso north of the Ganges and in the south-west; elsewhere it is सर्बी sarson. In South Bhagalpur it is गोटो goto, and in North-East Tirhut also गोट got. Oil from this seed is called कर्या ते स karua tel or कड़ ते स karu tel.
- (2) Mustard (brassica juncea or sinapis ramosa).—This is আহা lahi or বাং rāi to the west. In South Munger it is বো ranchi, and in East Tirhut বো rainchi. Elsewhere it is বীৰো tori, and so also in Champaran.

(3) Sesamum (sesamum orientale or Indicum).—This is also til.

In South-West Shahabad fast tilli is a variety with a white grain, which is sown with the autumn crop.

- (4) Linseed (linum usitatissimum).—This is নীৰী tīsi. To the east it is also called বিকাৰ chikna.
- (5) Safflower (carthamus tinctoria). See last chapter.
- (6) Castor-oll plant (ricinus communis).—This is is rent or 可是 lent, also 或其 antar in the north-west, Tirhut, and South Bhagalpur, and 或其 anda in Tirhut and South Bhagalpur. The seed is 可以 lenti or 可以 rentigenerally, also 或其 antri in the north-west, Tirhut, and South Bhagalpur, and 或此 andi in Tirhut and South Bhagalpur. A plantation of this is is in tent. wari or 面質可能 lentwari.
- (7) Bassia tatifolia.—The tree is called মন্থ mahu or মন্তব্ mahua. Its clusters of buds are ভ্ৰা chhatta or কাৰ konch. The flower which falls to the ground and is used for distilling spirits is মন্ত mahu or মন্তব্য. The oilnuts which are borne by the tree are কাৰে koin north of the Ganges, or কাৰেন koini in South-East Tirhut. In South-West Shahabad they are কাৰ্ব্য koinda. In South-Munger the mahua-pickers sing a song while employed called হাৰ toka.

- (8) Celastrus paniculatus.—This is मलनगरी malkangni or खिटीरी dithauri in South-West Shahabad, मलकानी malkauni in Patna and Gaya, मनकोनी mankauni in South-East Tirhut, कोनी kauni in South Munger.
- (9) Croton (croton tiglium).—This is সমাৰ নাল jamāl gota in Patna, Gaya, and the west.
- (10) Two other oils may be mentioned here. One is মিনিয়াই কাল miniyai ke tel, which is supposed to be extracted from the heads of coolie emigrants to the colonies, by hanging them head downwards over a slow fire, see §1458. The other is অকাল কাল akol ke tel, made from the nut of the অকাল akol (aleuritis triloba) tree, which if rubbed on a person's body makes him invisible. This is like saying that if you catch a guinea pig by the tail his eyes will drop out; for the nut is so hard that it is impossible to extract oil from it.

CHAPTER XX.-FIBRES.

- 1046. Hemp, as a drug (cannabis sativa).—See Chapter XVI.
 1047. Hemp, as a fibre plant.—There are two varieties of this:—
 - (1) सन san (crotolaria juneea) or (North-East Tirhut) क्यमिरा kasmira or स्रोन son.
 - (2) पट्चा patua, 蛋蛋石 kuturum, or (in South Bhagalpur)
 蛋石 kudrum (hibiscus cannabensis, Roxb.) This is like
 san, except that its flower is like the safflower, and that
 it is used only for making the coarse fibre (च्चा channa).
 See below.
- 1048. The stalk is उन्हें sanai north of the Ganges generally except in North-East Tirhut, where it is अने sanai. In Shahabad it is अने sanaitha, in South Munger अनाही sanāthi, and in South Bhagalpur अनुसन्हों sansanathi. When the bark has been removed, it is अवहां santhi, or in South Munger अनाही sanāthi, and in South Bhagalpur अनुसन्हों sansanāthi. A bundle of fibres is जास् larchha, or in East Tirhut भोजा dhoa or इंडा thāa. Short stalks that remain in the fibre are called in North-East Tirhut गुद्दी gudri, उन्हें khudar to the west and in West Tirhut, जूदारी kudāri in North-East Tirhut,

and गुद्द gudar in East Tirhut. In North-East Tirhut the coarsest fibres are called चन्ना channa, the next finest पहुचा patua, and the finest कर्यास्य kasmira. There is no special name for the seed.

CHAPTER XXI.—BETEL.

- 1049. Betel (piper betel) is called पान pān, and the man who grows it बाई baraī. Amongst its varieties the best is कपूरी kapūri, which has a long leaf, mild, but slightly bitter. The next best is बाँची sānchi. The common varieties are कवीर kakir (North. East Tirhut) or कवेर kaker (South-East Tirhut), which has a large leaf and mild flavour; the बेंबहरी belahri (south-west) or बेंबहरी खाँची belahri sānchi (North-East Tirhut), and the माही maghi, which have a round leaf and a sweet taste; and the बंगान bangla or (South-West Tirhut) बंगरी bangra, which is small and slightly bitter. To the west there is also a kind called करवार karārua, which is small and sweet.
- 1050. The mound on which the plant is grown is thus bhinda, ator baraitha, or up park north of the Ganges. South of the Ganges it is the bhith. A betel-garden is at bareo or at barwe. The rows in the plantation are uyt sapura in Saran and South Tirhut, and uty sampur in North-East Tirhut. In South-West Shahabad they are use pas. and in the rest of that district util panti. The intervening spaces are util antar or util antra. They are also ute pake in South-East Tirhut, that daungar in Patna and Gaya, and the daug in the south-east. The main props down these lines are util koro in Tirhut and util korai in Shahabad. In the south-east and in Saran they are utilitie.
- 1051. The spaces between these props are in North-East Tirhut with korwas. The supports of the plants are with sarat north of the Ganges or in South-East Tirhut with kharhs, of which there are generally six between each main prop. In Shahabad they are called themps in the south-east with sarkanda. In Shahabad til dhemps are the lumps of clay in which the plants are sown. The supports of the roof are also with kōro, except in Patna and Gaya, where they are with khambha, and in South Munger, where they are with khāmhi. The walls are with tati, or in East Tirhut view and in East Munger with tati. The roof is with mūro or with marro. In South-East Tirhut it is optionally with mūro or with marro. In South-East Tirhut it is optionally with mūro or with marro.

it is उटरा thatra, and in Shahabad and East Tirhut optionally हानी chhāni. In South Munger it is सहता marwa or टटरो thathri.

- 1052. The brushwood on the top is दाई kharaī or (in South West Shahabad) द्वारा kharcha, and in South Munger न्युद्धा kachua. The young seedlings for planting are नजम kalam in Patna, Gaya, and Shahabad, and नज bel elsewhere. They are watered from an earthen vessel called जोटो loti or (in Sāran) जोट lot. In North-East Tirhut महोद mator is a basket in which the gardener carries earth to the plant, and which he also uses for keeping the leaves. In East Tirhut महित्त hūr, and in South Tirhut महा bhūra, are the shoots which come out of the plant near the root in Jeth (May-June), and जन kan are those which come out in Bhādon (August-September).
- 1053. A packet of twenty leaves is called a নাই kori south of the Ganges. North of the Ganges one of fifty leaves is called বাইয়া chauthaiya, and one of a hundred leaves আঘা টোলা adha dholi. A টাবা dholi has 200 leaves.

1054. North of the Ganges and in Shahabad-

7 छोली dholi = 1 कनवाँ kanwan.

14 ditto = 1 अववा adhwa.

28 ditto l पौद्धा paua or पाना pāwa.

4 पौचा paua = 1 से सी leso.

- 1055. Elsewhere south of the Ganges 108 दोनी dholi make l से leso. A leaf of betel rolled up in a cone for chewing is नोड़ा bira, बिरा birwa, or बिरिया biriya or खिली khilli. It is also जिलीरो gilauri. सिया singhara are the triangular-shaped packets. Betel is kept for consumption in a wickerwork basket, called व सद्धा belahra or (in East Tirhut) विद्या birahra. In North-East Tirhut दिनो dhaki is a large basket used by the betel-grower for the same purpose.
- 1056. The betel-nut, which is the fruit of the areca catechu, is called सपारो supāri or सोपारो sopāri. Other names are क्येंगी kasaili north of the Ganges, and सञ्जूष mukhsudh, मुख्युष or मुख्युष mukhsudhi, in East Tirhut. The nippers for cutting the nut are बरोता sarauta. A well-known proverb is मुख्युष न॰ परकार, तनिका सङ्ग्रातक वर्ष समस्तार mukhsudhi na parkār, tanika ariyātak bar chamatkār,—he can't afford to give his guest even a bit of betel-nut, and yet he escorts him out of the house with as great pomp as if he had been actually entertaining him.

CHAPTER XXII.-GARDEN CROPS.

1057. These may be divided into--(1) edible roots, (2) gourds, (3) miscellaneous.

EDIBLE ROOTS.

- (1) Potatoes (solanum tuberosum or esculentum).—সাল alu, and in East Tirhut also লাভ āru. Also north of the Ganges অল্লা alua and অলুই aluē. North of the Ganges অললা lalko or হছিলী dackhini is a red kind, and মলহছিয়া maldahiya or ন্যালী napāli a white one. A red variety of the last name but one is called মলহছিয়া ক্ৰক্টাইয়া maldahiya kanakpuriya. Seed potatoes brought from the hills are নীয়া ক আলু biya ke alu, and each eye is আলি ānkhi or আল ankh. The produce of these kept for next year is called মছিলা মাঁতী ক নীয়া pahila mānti ke bīya, and the produce again of this kept for seed for the third year is হার্যা মাঁতী ক নীয়া dosra manti ke biya.
- 1058. (2) Yams (dioscorea sativa).—These are জনাই latār generally north of the Ganges, and also বাহে ratar to the west. To the north-west yet another name is জনাই atār, and to the south-west কঠাই kathār. In Patna and Gaya it is বোজ ratālu. In Tirhut it is also called দ্বা phar and to the east also আছিবসা khamharua.
- 1059. (3) Sweet potato (batatas edulis).—This is सक्रक्ट sakarkand generally. North of the Ganges it is also called जमका अनुआ lamka alua, and in South-East Tirhut अस्ट्या alhua. In East Bihār it is अनुआ alua. North of the Ganges there are two varieties:—(a) A red one, called स्था desi, and also in South Tirhut जनका lalka; (b) a white one, called विज्ञास्तो bilāëti, and also कर्मिया karmiya, and in South Tirhut also अगरका ujarka. A large white variety, weighing from one to twenty sers, is called in North-East Tirhut ते क्या tekuna.
- 1060. (4) A .kind of yam (dioscorea fasciculata). च यनी suthni.
- 1061. (5) Arum colocasia.—This is অন্ট্ arui generally. Also অংকী arubbi in North-East Ti hut, ऐন্তা pekcha in South-East Tirhut, ऐন্তা pekchi in Shahabad, पंपन् pepchi in Gaya and Shahabad, and in South Bhagalpur

- अवतो alti. Another variety (colocosia antiquorum) is काच्य kachchu. A larger variety is आवजा arua or काच्य kanda.
- 1062. (6) राम लेखीर ram kes aur (North Tirhut), or सिस्री कन misiri kan (East Tirhut), a large edible root sometimes weighing eight or nine sers. Considered a very cooling food.
- 1063. (7) আহীৰক ādāchak the Jerusalem artichoke (helianthus tuberosus).

GOURDS.

- 1064. (1) The water melon (cucurbit citrullus or citrullus vulgaris).—These are ব্যৱহা tarbūj or ব্যুব্ধ tarbūja or in North-East Tirhut বাৰ্ম বা tārbhūj. In Champāran they are also called ঘৰিছীৰা panihaua, and in South-West Shahabad হিন্তাৰা hinuana.
- 1065. (2) The melon (cucumis utilatissimus or cucumis melo).—
 ভাষাৰ বা kharbūja. Also জালামী lālmi in West Tirhut
 and Patna and the west, and দুই phūnt (which is properly the cucumis momordica) to the south-east.
- 1066. (3) Cucumis momordica.—This is দুই phunt when it is ripe after bursting spontaneously. The young fruit used for cooking is ভাষা dam and (South-West Shahabad) ভাষা dablko.
- 1067. (4) The bitter-gourd (monordica charantia).—कर जkaraila, also करेंची karaili in Shahabad and South Bhagalpur and करेंच karail in North-East Tirhut.
- 1068. (5) The bottle-gourd (lagenaria valgaris or cucuibita lagenaria).—This is করুআ kadua generally, or কর kaddu in South Bhagalpur. Another name in Gaya, South Munger, and the west generally is জীকা lauka, with a variant জীকা laua in Patna. In East Tirhut it is also called ব্যালক sajiwan.
- 1069. (6) Lagenaria acutangulus or cucumis acutangulus.—This is तरोइ taroī generally. Other varieties are सतपूतिचा sateputiya, सिङ्गा jhinga, सिंग नी jhinguni, or सिंग नी jhinguli, and नेतुचाँ nenuān, घिउरा ghiura, or धेवड़ा ghewra.
- 1070. (१) Cucumber (cucumis sativus, खीरा khīra. A variety is बाबम खोरा bālam khīra in Shahabad. A large

variety of cucumber is called कत्न की kakari or नांकरि kānkri (cucumis utilatissimus). Natives much appreciate this vegetable, as in the proverb निर्नोशिया ग्रेनांच हाट, कॉकरि दिखा चिटा फाट nikauriya gelāh hāt, kānkari dekhi hiya phāt,—the man without money went to market, and his heart burst when he saw the cucumber. The great size of the plant is well illuitrated by the proverb एन हाथन कॉकरि, नो हाथन नीया ek hāthak kunknri, nau hathak biya,—a cucumber only one cubit long has an offspring nine cubits long. (Cf. the parable of the grain of mustard-seed.)

- 1071. (8) The sweet pumpkin (cucurbita pepo).—This is affect konhra; also in North Tirhut কাম হয় komhra, and in East Tirhut ক্রামা kadīma. Another variety, much used for making sweetmeats, is মনুসা bhatua to the west; also মুখা bhūa or মুহা bhūra in Gaya, বিষক্ষিত্য siskofihra in Champaran, বিলক্ষিত্য sijkofihra in Tirhut, e বলক্ষিত্য surujkonhra in South-East Tirhut, and ক্ষাৰ্থ্য kumhar to the east.
- 1072. (9) चिचिरा chichira or चिद्वरा chichura (north of the Ganges), the snake-gourd (trichosanthes anguina),—In East Tirhut it is केता kaita, and in Saran केत kait.

MISCELLANEOUS VEGETABLES (IN ALPHABETICAL ORDER).

- 1073. The writer regrets that he has not been able to identify the botanical names of more than a few of the undermentioned plants. In some cases the identification given is doubtful. He has to thank Dr. Shaw, Civil Surgeon of Darbhanga, for much assistance rendered in correcting the botanical portion of this division.
 - खनमोदा ajmoda or (Tirhut) बनर्ज वाहन banjewāin, parsley (petroselinum sativum or ? opium involucratum).—Cf. पित्रचे जी pitarseli.

खाचबादन ajwāin,—see जनाइन jawāin.

बाह्र adrakh or अहरक adrak, ginger (zingiber officinale), also बाह्र adi generally, बाह्र ād in South-East Tirhut.

व्यवप्रात्व asaphgol,—see वप्रात्व saphgol.

बाद ad, बादी adi, see बद्दा adrakh.

इसिरती imirti, or in Gaya रमवरना ramcharna, an acid curryvegetable, the fruit of spondia mangitera (?).

कथ kath,—see खेर khair.

कमल पतर kamal patr,—see पियान piyāj.

नारम नाला karamkalla or बन्दा कोदो bandha kobi, cabbage (brassica olereacea).

कलमो साम kalmi sag, the tops of convolvulus repens, much used as a spinach.

कवाक kawāchh,—see के वांक kewanchh.

कासनी kāsni, endive (cichorium endivia).

काइ kahu (Patna and Gaya), a kind of lettuce (lactuca sativa).

ञ्जनरी kunri, a creeping-plant, of which the fruit is used for curries.

को बांक kewanchh or कावाक kawachh, a plant which produces a pod like a bean (do'ichos pruriens). In Gaya it is मूप सेम bhup sem.

के ता kaita,—seel चिच्च chichira.

कीचला के साम kochla ke sag, a kind of spinach.

कोवी kobi, the cabbage (brassica oleracea).

खुरफा khurpha or गोजावा golāwa (Sāran, Patna, and Gaya),
purslane (portulaca satīva).

ख सबरी khusbari,—see मकोय makoe.

खेखसा khekhsa,—see चढेल chathail.

ख र khair or क्य kath, catechu (acacia catechu).

गरीना gadina, a kind of pot herb with a taste of garlic.

सन्दा or सन्दा gajra or (in South-West Shahabad) सानद gajar, the carrot (dancus carota).

गाजड़ gājar,—see गजरा gajra.

गुलपा gulpha, a kind of spinach.

ग्रन्हरी genhri or (in East Tirhut) ग्रन्हारी genhāri, a pot-herb (? amaranthus frument aceus).

गेलक्टा gelhanta, गोलभारा golbhanta,—see वेंगन baingan.

गोल।वा golāwa,—see खुरपा khurpha.

गोन मिरिच gol mirich or गुनमिरिच gulmirich,—see मिरिच mirich

stalk is eaten by the poor (? aponogeton monostachyon).

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चरें स chathail or चरें स chatail, a much-appreciated curry-vegetable, a creeping-plant. In Gaya it is called खंखना khekhsa.

चनस्र chansur, a kind of cress (lepidum sativum).

चितरमं जो chitarseli,—see पितरमं जो pitarseli.

चाँबा chengwa,—see बेंगन baingan.

जवाइन jawāin (west, Patna, and South Bhagalpur), अजवाइन ajwāin (Gaya and South Munger), ज वाइन jewāin (north of the Ganges), a plant something like aniseed (ligusticum ojowain and ptychotis ajowan), खोरासानी जवाइन khorāsāni jawāin is hyosciamus niger. This plant is not the true aniseed (anisi).

জীয়া jira or (South-East Tirhut) জীয় jir, cummin (cuminum cyminum).

ज वादन jewāin,—see जवादन jawāin.

टिया tharhiya,—see मांरसा mārsa.

िंडिया मिरचाइ diriya mirchai, हे दिया मिरचाइ dheñriya mirchāi,—see मिरिच mirich.

तरकारी tarkāri,—see तीयन tīyan.

तरकोका tarkonka (l'atna), the bud of the red lotus, used for medicine.

तीयन tāyan, तरकारी tarkāri, or पतौरा pataura, the general term for vegetables.

धनियाँ dhaniyan, coriander (coriandrum sativum).

न वार newār,—see मृत्सी mū/1.

पतीश pataura,—see तीयन tiyan.

परवर parwar, पजवल palwal, परीर paror, परीरा parora, or (in South Bhagalpur) परील parol (trichosanthes dioica), (Roxb).

पर्वांकी palānkī,—see पाजक pālak.

पासन pālak, पासनी pālaki or (East Tirhut and Champāran) पत्रांनी palānki, spinach (spinacea oleracea).

पितरसंकी piterse'i or (Tirhut) चितरसंती chitarseli, parsley (petroselinum sativum or ? apium invo'ucratum).—Cf. अन्मीदा ajmoda.

पियाच piyāj or (South Bhagalpur) पंचाच peyāj, and north-west कमच पतर kamal patr, the onion (allium cepa).

प्रदेना pudena,—see पौरीना podana.

पोदोना podina, पोदेना podena, पूरेना pudena, also (Tirhut) फुरेना phudena, mint (mentha sativa or viridis).

पुद्दिना phudena,—see पोदीना poitina.

पुलकोंनी phulkobi, the canliflower (brassica oleredeea).

बकला bakla, बझली bakuli, बंगला bangla,—see बोकला bokla.

वनजेवाद्दन banjewäin, —see अनमोदा aimoda.

बनसटका banbhutka,—see मकीय makoë.

विश्वाद birwāi (Gaya), vegetable seedlings.

विलाएती पट आ bilāëti patua, roselle (hibiscus sabdariffa).

विलाएती व मन bilāëti baingan, the tomato (solanum lycopersicum).

वंगन baingan, भारा Shanta (usually confined to the round variety) or गोलभारा golbhanta, and in South Munger also गेलहरा golhanta and चंगन chengwa baingan. In East Tirhut it is optionally भारा bhānta; the egg-plant (solanum melongena). Compare the proverb काह के भारा वर्ग काह के भारा प्रस्तिक kahu ke bhanta bairi, kahu ke bhanta panth,—to some the egg-plant is an enemy, to others it is prescribed as a regimen; i.e., what is one man's meat is another's poison.

बोकला bukla or बँगला bangla (north-west), बक्तला bakla (Champaran), बक्कली bakuli (South-West Tirbut), बोकला बीन bokla bān (South-East Tirbut) (?), a kind of bean (? faba major).

भटकूयाँ bhatkūān, भटकाँचा bhatkoña,—see मकीय makoe. भारत bhanta,—see वैँगन baingan.

भिक्षी bhindi or राम तरोइ ram taroï, also to the east राम परोर ram paror, a long kind of fruit used for cooking (hibiscus esculentus or abelmoschus esculentus.)

सुटका bhutka,—see मकीय makoe.

भ्प सेम bhūp sem,—see नेवाँक kewanchh.

मकोय makoe (west and Tirhut), खुबबरो khusbari (gooseberry or (purple variety) भटकों आ bhatkoña or भटकूआँ bhat kuan the cape gooseberry, or tiparee (physalis Leruviana). The red variety is also भूटका bhutka or बनभूटका ban bhutka in South-East Tirhut,

मरिचा maricha,—see मिरिच mirich.

मारचा mārsa or ठाँद्या (harhiya (west), amaranthus mangostanus. मिरचा mircha, मिरचाद mirchāï,—see मिरिच mirich.

मिरिच mirich or (West Tirhut, Shahabad, and Gaya) मिरचा maricha and मिरचाइ mirchāi, (Patna) मिरचा mircha, (South Munger) डिड्या मिरचाइ diriya mirchāi, (Gaya) हैं रिया मिरचाइ dheñriya mirchāi, long pepper, &c. (capsicum fastigiatum, &c.) गोच मिरच gol mirich or गूजमिरिच gul mirich is black pepper (piper nigrum). Bird's eye pepper (capsicum baccatum) is जाँगिया मिरचा longiya maricha or जैया मिरचा jaiya mircha.

सुनगा munga,—see से यन saiyan.

मूरई muraï मूराइ murāï, मूझी mulli, मूर mūr, मूरी mūro,—see मूजी mūli.

म् लो mūli, मृही mulli, or मुर्दे murai or (East Tirhut optionally)
मूर mūr, (South Munger) मुराद murai, (South Bhagalpur)
मूरो mūro, the radish (raphanus sativus). In Shahabad
there are two kinds—(1) नेवार, newār, which is large, and

(2) जुतिया lutiya or देखिला desila, which is small.

मेथी methi or में थो menthi, fenugreek (trigonella fænum Græcum). रमचरना ramcharna,—see दमस्ति imreti.

रसून rasūn, रसान rassun,—see लघरने lahsun.

रहरिया सेम rahariya sem or राम रहर rām rahar, a kind of bean not a climbing-plant, but a shrub.

राम तरोइ rām taroï, राम परोर rām paror,—see भिष्ड bhindi.

बह्म lahsun, or to the east रस्त rasun or रसान rassun, garlic (allium sativum). A clove of garlic is पीटी poti or पीट pot.

लूतिया lutiya,—see सुनी mūli.

कोंगिया मिरिच longiya mirich,—see मिरिच mirich.

चपगों त saphgol, or in South-West Shahabad व्यवप्रशील asaphgol (phantago isabghola).

चलाम salgam and also (south of the Ganges) चलाम suljum, the turn p (trassica rapa).

सर जन sahjan, &c., - see से यन saiyan.

बिं वाड़ा singhāra, the water-caltrop (trapa bispinosa or natans).

सीम sim,—see सेम sem.

सेम sem (west), खीम sim (east), a bean (phascolus magnus). A variety is सेमा sema.

सेयन saigun, or (Tirhut) सोहिजन sohijun or सोहजन sohjan or सहजन sahiun, or (Shahabad) संहिजन sañijan or (Patna) सहजन sahijana, the horse-radish tree (hyperanthera moringa). Its fruit is called स्ना munga, and is used as a vegetable, and its root (which tastes like horse-radish) is used as a condiment.

सौँ फ saumph, ? a kind of anireed (peucednnum graveolens or anethum sowa).

हादी hardi, or in Shahabad optionally ছलदो haldi, turmeric (curcuma longa).

इन्दी haldi,—see हरदी hardi.

SUBDIVISION II.

INSECTS AND CAUSES OF INJURY TO CROPS.

CHAPTER I.—DESTRUCTIVE INSECTS AND DISEASES.

1074. Among these may be noted the following, which are arranged in alphabetical order:—

कंगरा angra (north-west), भारता jharka (Saran and Tirhut), blight in cereals caused by the sharp west wind; also (Champaran) a blight in opium. See सुरक्षा murka.

अर्था araiya,—see पोआरी poāri.

उकटा uktha (south), a sort of mildew which dries up the grain in wheat.

उन्हा ukrha, उत्तरा ukhra, उन्तरा uksa,—see उत्तरा ukhtha.

उखटा ukhtha or उत्तरा uktha (north generally), ভারতা ukhra (Tirhut), ভারতা uksa (north-west), witherning of crops from excessive drought.

औरङ्ग aurang (Champaran),—see मान् gaptu; also (north-west)

leaf of millets, causing them to wither up.

क्योहा kachoha (South Bhagalpur), a disease in tobacco.

कजरा kajra,—see कजरी kajri.

কলহা kajri (generally), কাৰ্য kajra (West Tirhut, Fatna, and Gaya), কাৰ্য kajla (North-West Tirhut), মৰ্থা majri (East Tirhut), a green grub which eats the young plants of rice, wheat, and barley when they are about six inches high.

कज्ला kajla,—see कजरी kajri.

कट्ड katui, an aquatic beetle which infests rice.

कटेया kataiya (South-West Shahabad), कटोई katei, कटोइया kutoiyu (elsewhere south of the Ganges), a blight which attacks rice and turns the cars an orange colour and destroys them.

कटोइया katoiya, कटोइ katoi,—see कटैया kataiya.

कतरी katri (South-West Shahabad), a disease of the rice-plant. कनाटा kanālha, कन्ही kanhi,—see द्वीरी chhīri.

कपरा kapta (Champaran), an insect which attacks young rice.

कम्या kamua,—see कमा kamma.

कस्मा kamma or कमुद्रा kamua (Patna) a smooth kind of caterpillar.

किरीना kirauna,—see गाँधी gandhi.

कीरो kiri or (South Bhagalpur) कीरो kiro, a maggot.

सूत्रारे kukurhi (Sāran and Tirhut), an insect which attacks cotton.

মুন্ত্ৰী kukuhi (north-west), an insect which injures the cold-weather crops.

कुसवटना kuswatna (north-west), कुसियाना kusiyāna (Tirhut), a blight in transplanted rice.

क्रुसियाना kusiyāna — see क्रूसवतना kuswatna.

केंडमां keñuan,—see लरका larka.

कोइया koiya, a tiny black insect which does great damage in granaries.

कोईको koili, कोढिया korhiya, के लिया kailiya, blights of various kinds in rice.

कोिंद्या korhiya, कैलिया kailiya,—see कोइली koili.

खंखड़ी khankhri, a blight in cereals on account of which no grain is produced in the ear.

- खपड़ोइया khaproiya (Champāran), गड्रा garra (Gaya, Sāran, and Tirhut), a small white insect which attacks rice.
- खरका kharuka,—see जाला jala.
- which attacks rice and turns the ears an orange colour and destroys them.
- गड्रा garra,—see खपरोद्या khaproiya.
- गड़ार garār (north), a grub which attacks the roots of sugar-cane.
- गरही gadhi (north) or (Sāran and East Tirbut) गर्हिया gadahiya, an insect very destructive to growing pulses.
- गन्धको gandhki (Patna and (Sāran), a small green fly, which attacks rice.
- गन्धी gandhi,-see गाँधी gandhi.
- गपत् gaptu or गपत् वा gaptua (Patna and north), गमत् gabhtu, डॉडियारी thonthiyāri (Shahabad), गपत् gapsu (Sāran), and औरङ्ग aurang (Champāran), a disease affecting millets, sugar-cane, and Indian corn, in which the tops wither.
- गभत् gabhtu,—see गपत् gaptu.
- भाइ gādur (South-West Shahabad), an insect which attacks pease and gram.
- ntंची gāndhi or गन्धो gandhi, also to the west गाँधना gandhwa.
 Other names are माँछी manchhi (north generally), किरोन्
 kirauna (South-West Shahabad), and मेमरा bhemra (South
 Munger), the flying-bug,—an evil-smelling insect, which
 attacks principally the millets before the flowers are
 formed.
- ন বস্তা gerua (west), the grub which attacks the roots of sugarcane.
- ग वहें gerui (north and south-west), a disease of the cereal crops, in which the plant dries up and assumes a reddish colour while the ear is black. It is caused by excess of winter rains and east wind.
- गोबरीरा gobraura (West Tirhut and west), blight in betel.

- নামা gobhi, a disease produced by prevalence of severe winds, and consisting in the plant giving out little shcots, which weaken it.
- beetle which destroys rice by floating from one plant to another in a boat made of a leaf.
- वंघरी ghanghri (Shahabad),—see घाँघडी ghanghri.
- भून ghūn, a weevil destructive to wood and grain.
- ঘাঁঘা ghonghri or (Shahabad) ঘ'ঘা ghanghri, a worm in the ear of millets and gram.
- चत्रा chatra,—see म्यार muār.
- चपटना chapatwa (South-West Shahabad), a small green fly which attacks rice.
- ह्म्पटा chhapta (north-west), प्रकटा pachkatta or (Tirhut) प्रकट्टा patkatta, a green caterpillar which eats up the rice-plant.
- क्रीरा chhīra,—see क्रीरी chhiri.
- होरी chhīri (south and west), इंडो chhenri north-west and Tirhut), also होरा chhira in Champāran. Other names are अन्ही kanhi (South Munger) and कनाउ। kanātha (South Bhagalpur), the palmer (?) worm, which attacks pulses, cotton, and tobacco.
- क्रंड़ी chhenri,—see क्रीरी chhīri.
- সাজা jāla (Tirhut, Patna, and east), মৃদ্ধান pakkhan (West Tirhut and Gaya), দ্বানা kharuka (South-West Shahabad), মুব্বা murka (west and West Tirhut), a blight in opium.
- भारका jharka,—see मा गारा angra.
- নিলা jhilli (north-west), দুলমলা phulbhanga (Tirhut), an insect which eats the stalks of pulses and makes the leaves crumple up.
- হাড়া tāra or হাঁড়া tānra (west), a small green insect which ravages wheat and eats the roots of sugar-cane.
- হাজা lāra (north-west), হাজা tānri (North-West Tirhut), a grub which eats the young plants of wheat and barley when they are about six inches high.
- হার্থ tiri or (South-West Shahabad) হিহে tirri, and দহিল্লা
 pharinga (Tirhut and east), the locust.

इनकी tunki (north), a disease which attacks rice.

टॉवियारी thonthiyari,—see जपतू gaptu.

तितिकी titili, a butterfly.

নিজ্মত telchat (Patna and east), মহাই patoi (West Tirhut, Gaya, and South Munger), a disease of the castor-oil plant.

देखिनहा dakhināha, (north and south-west), also देखिनाहा dakhināha (Gaya and south-west); also नीमा nāma (North Tirhut), सिरोरा sirora (Patna), and पीरो piro (South Bhagalpur), a disease of rice, millets, and sugar-cane caused by a noxious wind from the south. A white spot appears on the leaf of millets, and they wither. In sugar-cane the tops wither.

हिंदा dahiya (north), a disease in चीना china (Panicum frumentosum).

हिर्जेका dianka, हिर्जेका diunka, हिर्योंड्रा iyanra, हिर्यार, diyar हिर्वार diwar,—see दीयाँ diyan.

होशाँ dīyān or दिशाँदा diyānra (Patna, Gaya, and south-east) दिश्व का diunku (South-West Shahabad), दिश्व का dianku or दिश्रका diaka (west generally), दिशार diyār (Champāran and Tirhut), and दिशार diwār East Tirhut), the white ant.

नीमा nīma -- see इखिन्हा dakhinha.

नेदा nerha,—see लेंद्रा lenhra

प्रकार pakkhan,—see जाका jāla.

पक्खी pakkhi or पविद्या pakhiya, a small insect which attacks the singhāra plant or water-caltrop (trapa natans or bispinosa).

पचकर्टा pachkatta, पतक्रा patkatta,—see क्पटा chhapta.

पटाड़ी patārhi,—see पेटाड़ी petarhi.

पटोइ patoï,—see ते जचट telchat.

fuzis pitoi (Patna and South Munger), a small green insect, which ravages wheat and eats the roots of sugar-cane.

—ziet taned, q.v.

বিল pillu or বিজ্ञা pilua, a small white magget, which attacks cotton, safflower, and grain, whether growing or stored.

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पिहिका pihika,—see स खड़ा sukhra.

पीरी piro,—see दखनदा dakhinha.

पंटरी petarhi or पटाएँ। patārhi (Tirhut), an insect which attacks stored rice only.

पेटारही patārhi (Shahabad), a red-coloured insect which attacks cotton, gram, and the castor-oil plant.

पेद्या paiya, a worm in the ear of grain.

पोचारी poāri (east) or कार्या araiya (South Munger), a disease of the rice-plant.

from the root of sugar-cane and injuring it.

परशा phatha (South Bhagalpur), प्रत्या phatta (South Munger) a disease of the rice-plant.

पार्टा phatta,—see पारहा phatha.

पति phatingi, a kind of grasshopper which eats the leaves of sugar-cane.

भनती phangi (west), a kind of grasshopper which appears in years of drought and attacks roots of wheat and gram.

पानिसा phaniga,—see स्राका surka.

परिङ्गा pharinga,—see टीड्री tāri.

wiel phāti, a blight in the ear of rice.

पाँड T phānra (Tirhut) or फाँड ी phānri (Tirhut), a weevil destructive of wood and grain.

पुलक्ष phuithanga,—se सि हि juli.

age bakul ,-see ami bakki.

बक्ती bakult (south-west), a green caterpillar destructive to rice. Cf. कचरी knjri.

बर्चा bakeya,—see बक्की bakki.

बका lakki, also बनेया bukeya or बन्ना bukula (also in West Tirhut) in Shahabad, and बुद्धि burhiya or बड्डी barhi in South Bhagalpur, a small kind of caterpillar which attacks rice.
A larger kind is बाँका banka.

बह ही barhi — see बक्की bākki.

बमनो babhni (Tirhut), a blight affecting rice, sugar-cane, millets, and opium. See also और प्रवास aurang and महरना murka.

बजुञा balua बजुई balui,—see बाज balu.

वाँका banka,—se वक्ती bakki.

बॉकी bānki (Gaya), a disease which attacks the leaves of tree (especially the pepper-tree), and causes them to carl up and wither.

बाता bāla,—see बाल bālu.

ৰাৰ balu or ৰত্নৰ balua (Patna, Gaya, and south-east), ৰত্ত্তা balua (Shahabad), ৰাৰা bala (couth-West Sha abad), an insect which eats the stalks of pulses and makes the leave crumple up.

बानाल bijhal (Gaya and South Munger), weevil-caten.

बुद्धा burhiya,—see बक्तो bakki.

भद्य bhankh,—see भाष bhankh.

भरका bharka (West Tirbut and south-east), an insect injurious to rice, caused by prevalence of south winds and excess of rain.

भवरा bhañwra —see भ ड़ा bhenra.

भरको bharki-(South Bhagalpur), disease of the rice-plant.

भांख bhānkh (north) and also भांखी bhānkhi (north), भञ्ज bhankhā (east), a blight which attacks the millet खाँवाँ sānwān (panicum frumentaceum).

भुद्दवा bhuila, भुद्दवा bhuili, भुद्दी bhurri, भुद्दवा bhurli, भुद्दिवा bhurili,—see भूत्रा bhūa.

भूजा bhūa (Tirhut, Patna, Gaya, and east), भुदला bhuila or भुदली bhuili (West Tirhut and north west), also भुदली bhurli (Sāran), भृदिला bhurlia, भृदिलो bhurli, or भुदली bhurli (south-west,, a hairy worm which eats the leaves of the castor-oil plant and pulses, and is fatal to cattle when eaten.

भेड़ा bhenra or भेड़ा bhenrwa (Patna and east), भेदरा bhañwra (West Tirhut and Shahabad), an insect which attacks millets and stored grain in dry weather.

मेमरा bhemra, - see गांची gandhi.

HART mangra (South-West Shahabad), an insect which attacks the sugar-cane in the root.

मन्दी majri,—see कन्दी kajri.

मरिश्वा marhinna, मरी mari,—see मञ्जार muar.

माँको manchhi,—see गाँधी gandhi.

मारा mara (North-East Tirhut), a disease in rice which withers the plants.

मुद्धार muār (west), चतरा chatra (Patna and Gaya), मर्चिता marhinna (Tirhut and East), मरो mari (West Tirhut and South Bhagalpur), a disease in which the whole plant is burnt up.

मरका murka (north), also चाँगरा angra (Champāran), and वसनी babhni (Tirhut), a blight in opium. See जाला jala.

मरिया muriya,—see सुखड़ा sukhra.

जङ्गिनिया lachhminiya (East Tirhut), a small, thin, red-coloured beetle found in granaries. It does no harm, and is reverenced by grain-merchants.

ৰা larka or (Gaya) বুংলা lurka, a worm which attacks gram and pease. North of the Ganges it also burrows into the ribs of the leaf of the tobacco-plant, and is then called ক্ৰেয়া keñuān in Tirhut.

बाही lāhi, plant-lice.

वेंड्रा lenrha (west and West Tirhut), नेज़ा nerha (Tirhut), a disease in wheat or barley in which the ears turn black.

सङ्का sarka, a worm in the root of rice.

सिरका siruka,—see सुरका surka.

सिरोरा sirora,—see दखनहा dakhinha.

Rust sukhtha,—see Hast sukhra.

सखड़ा sukhra (West Tirhut and south generally), सखडा sukhtha (West Tirhut and west), पिडिका pihika (rest of Shahabad), मुख्या muriya (South Bhagalpur), a blight in sugar-cane.

सन्दरी sundri (east), an insect which eats the leaves of the castor-oil plant.

सङा sunda,—see मुँडा sūnra.

बा surka (East Tirhut and Shahabad), विषया siruka (Sāran वर हो ond Patna), पनिमा phaniga (Tirhut and South-West कानी bubhni (ad), an insect which eats the leaves of sugar-cane lets, and opinerans pease, and cereals.

स्डा sūnra or सं्डा sūnri (Tirhut and south generally), स्ट् sūnrh or सं्टा sūnrha (Caya), सुद्धा sunda (West Tirhut and south-east) a kind of weevil destructive to wood and stored grain. Cf. कोरी kīri.

सॅं द sūnrh,—see सॅंड्रा sūn a.

- हड्डा hadda a white stem growing out of the root of the tobacco-plant, and throwing it far out of the soil.
- हणिया hathiya (North-East Tirhut and Gaya) and हणिया सुक्रा hathiya sunda (south-east), a small white insect which damages rice.
- the grain in cereal crops The plant turns yellow, and the ear black.

CHAPTER II.—NOXIOUS WEEDS.

1075. These are as follows :-

मुंबहा ankta.—see म बरा ankra.

मा करा ankra or माँकरी ankri (West Tirhut and Shahabad), माँकटा ankta (Tirhut and elsewhere south) (vicia sativa), it appears in wheat.

অনিয়া agiya (north and east), a weed which burns the rice plant (from আন āg, fire).

TEST ukhra,—see EEST hadda.

उरक्रस्यी urkussi,—see विक्रीतिया bichhautiya.

कक्ता kakna (Patna, Gaya, and south-east), वमसारी bansari (Shahabad and East Tirhut), a weed which chokes crops.

कठरँगनी kathrengni,—see र गनी rengni.

कनवाँ kanwān, कन्ना kanna,—see काना kāna.

कनसन kansan,—see काँसी kānsi.

काना kāna (Tirhut, Patna and east), कज्ञा kanna (north-east Tirhut), कनना kānwān (Gaya), क्रेना kena (West Tirhut) and west), a weed which chokes rice (a species of

कांसी kānsi (West Tirhut, Patna, Gaya, and the south-east), कास kas (Shahabad and North Bihār), क्रांसन kansan (Sāran), (saccharum spontaneum), a most destrictive grass.

केना kena,—see काना kāna.

कोइल खो koïl kho,—see गोरखल gorkhul.

खड़ का kharūka,—see ख्रायुत्रा kharthūa.

ख्रथ्या kharthūa (Patna and Gaya), वयुका bathua (generally) खड का k aruka (North-East Tirhut and Shahabad), मोचडी mochatti (ditt), a weed in opium.

खरका khurka or मङ्की machhaiti (north), also तआरी ruāri (Sāran) a weed in opium. Cf. तआरा ruāra.

गङ्हर garhar,—see गाँड्र gānrar.

गढ़रो garhro, -- see गंड्हरचा gerharua.

गड़ार garār,—see गाँडर gānrar

মাঁড় gānrar (West Tirhut and Patna), মন্ত্র garār (Tirhut and east), সমায় মন্ত্র jamār garār (South Munger), মন্ত্র garhar (South-West Shahabad), a weed which injures rice (various species of Corx).

गंड्ड आ gerharua (north-west), गढ़ी garhro (North Tirbut), a weed in cereal crops.

गोखुला gokhula,—see गोरखुल gorkhul.

गोरख्ल gorkhul (west), बाँची bansi (generally), गोखला gokhula (West Tirhut, Patna, Gaya, and South Munger), नोइल खो koël kho, a plant which injures rice (tribulus terrestris).

चपड़ा chapra,—see धुरपा dhurpa.

चित्रहोर chichhor, चिनोर chichor, चिनोरी chichori,—see लेंड्ड

चौपट्टा chaupatta,—see पिपरा pipra.

जॅगला jangla,—see सिवचा ihirua.

जमार गङ्गर jamār garār,—see गाँड्र gānrar.

जम्हार jamhār, जाम्हर jāmhar (Patna and South Munger), जिन्हार jinhār (South-West Shahabad), and उन्हरी damharo (South Bhagalpur), a coarse hard grass, infesting poor soils (varieties of andropogon.)

जाम्हर jāmhar,—see जमहार jamhār.

चिनका jinwan, a grass something like दुस dubh, q. v.

जिल्हार jinhar,—see जमश्चार jamhar.

MI jhar, Mill jharnge MII jhar, - MILE jharang.

भारक jhārang (north-west), भारता jharnga (Shahabad), भार jhār or भार jhar (Tirhut and east), a weed which injures rice.

भिष्या jhirua (Patna, Gaya, South Munger, and North Bihar), भिरोद्या jhiraua (South Munger), भिर्वा jhiru: (South Bhagalpur), जावा jangla (South-West Snahabad), भोरो jhiro (East Tirhut), a weed which chokes rice.

सीरो jhiro -see सित्या jhirua.

ठोकरा thokra,—see विक्रीतिया bichhautiya.

स्वारी damharo, — see का द्वार jamhār.

डर dar, हेथोरा deyora,—see मौधा montha.

हाभी dābhi (north) a coarse grass, injurious to crops (xyris indica) तितिसी titili,—see पिपरा pipra.

दुधिया dudhiya,—see इंड्डा hadda.

इस dūbh or इब dūb (north and east), also इट्यो dubbhi (south) a grass which overspreads fallow fields (cynodon ductylon).

(South Bhagalpur), चपड़ा chapra (Shahabad), a tough, coarse grass spreading over uncultivated lands, which are inundated yearly (cynodon dactylon). It is only removed by digging.

नकहिकनी nakchhikni,—see रेंगनी rengni.

पिपरा pipra (Saran, Patna, and east), प्राप्त pupra (South Bhagalpur, चीपहा chaupatta (South-West Shababad), तितिसी titili (generally), a weed in wheat.

पपरा pupra,—see पिपरा pipra.

बड़गोहुमा bargohuma (south and east), a weed in wheat.

बयुत्रा bathua,—see खर्युत्रा khārthūa.

बनपियज्ञुका banpiyajua, बनपिथाज banpiyaj, and बनरसना banraṣna,—see राजारा ruāra.

बनसारी bansāri,—see कक्ना kakna.

बर्सादी basanrhi,—see वसीता basaunta.

वर्षेता basaunta (West Tirhut and north-west), वर्षा basānrhi (Tirhut), a wood which injures the spring crops (acalypha indica?) बाँसी bānsi,—see गोरखुल gorkhul.

- पिक्रितया bichhautiya or विक्रवितया bichhwatiya is a parasitic plant which injures the poppy. It is also called भरभाँड bharbhānr in South-West Shahabad, टोक्स thokra in the rest of that district and north of the Ganges, and उरक्रसी urkussi in South-East Bihar.
- หักจะ bhangra (West Tirbut, Patna, Gaya, and South Munger), หักจะ bhangraiya (Tirhut and east), หักจะ bhangariya (North Bihār and Shahabad), หักจะ bhangariyā (Tirhut) (verbesina prostrata), a small creeping-weed with a white flower which injures rice.

भँगरिया bhangariya,—see भँगरा bhangra.

सरभाँड bharbhanr,—see विक्रीतिया bichhautiya.

मॅगरिया bhengariya,—see मॅगरा bhangra.

भक्ष makra (north and east), a rough coarse grass spreading over uncultivated lands which are inundated yearly. It is only removed by digging (cynosurus).

महिती machhaiti,—see ख्रका khurka.

मॅंड्र mañrer (Patna, Gaya, and east), मड्र marar (South Bhagalpur), मरेन maren (Shahabad), a weed which chokes rice.

मोचही mochatti,—see खरण्या kharthaa.

मोधा montha, also इर dar and मोना mauna (also in West Tirhut) in the south-east, and इशेश deyora in South Munger.
A coarse grass which grows in uncultivated land and injures the autumn crops (cyperus rotundus).

राही rāri (north), a coarse hard grass infesting poor soils.

रजारा ruara (Patna), बनस्सना banrasna (Gaya and South Munger), बनिपयाच banpiyāj or बनिपयचुत्रा banpiyajua (Tirhut and Shahabad), a weed which grows in opium. Cf. ख्रका khurka.

रखारी ruari,—see खाका khurka. Cf. रखारा ruara.

रेंग्रनी rengni, the Mexican poppy (argemone mexicana), a thistlelike plant, which overspreads fallow fields. It is also called नकछिकनी nakchhikni or (to the east) कडरेंग्रनी kathrengni. It was introduced into India in a cargo from Mexico within the last lundred years, and is now very common.

लेंड्ड lenrai (north-west), चिचोर chichor (north and Gaya), चिचोरी chichori (Tirhut), चिचहोर chichhor (east), चिचोरो chichoro (South Bhagalpur and Tirhut), a weed which chokes rice.

ছিভা hadda or ভাৰুৱা ukhra (West Tirhut and south), or (West Tirhut and Gaya) হুয়িয়া dudhiya, a small creeping-plant injurious to crops (euphorbia hirta). Cf. also § 1183 for other names.

CHAPTER III.-MISCELLANEOUS.

- 1076. A stunted crop is ৰীতল ছাৰিল bait hal hāsil north of the Ganges. In Shahabad and West Tirhut it is ভিনুহিয়াছল situriyāël or নলুহিয়াছল taturiyāël, or in Sāran, মুনহিয়াছল sutariyāël. In Gaya it is তিনুহিয়াছল thinguriyāël, in Patna মাঁতলাঁ bhentwāns, in West Tirhut and South Munger তায়েছল thuriyāël, and in South Bhagalpur বিহলিয়াছল birniyāël. A blighted ear is মহাছল marāël north of the Ganges. In Shahabad it is অৰহা abda or হালহা dagdār, in Patna and Gaya লাইল koël, and in the south-east মহা mara. ঘুঁঘা paiya in Gaya and the west, and মাহ bhor to the north-east, is rice in which the ears have no seed. Blighted millets are called মাজ্যাছল bhakhiyāël in the north-west, and মালু বতু আ bhankh chatua in Tirhut. In Shahabad they are खुद्दा khukkha or ফুলিল্লা khojra, in Gaya অলমল algal, and in Patna फुलाइर phulhar.
- 1077. Crops withered from drought are to the west and in West Tirhut सुआर muār; in Gaya they are मोआर moār, and in Patna मुखल mual. To the east and in Tirhut they are मरहेना marhena or मरहिना marhinna, and in South Bhagalpur also मरा mara. An irretrievably spoilt crop is निगरत हासिल bigral hāsil north of the Ganges. In Shahabad it is नॉकटा bānkta, and in Patna चुन्निया chuchuhiya. Scarcity of rain is सुद्वार sukhar.
- 1078. Failure of seed is विज्ञार bijmār in Gaya and the west. In South Munger it is बीया मार bīya mār. North of the Ganges it is also निर्विच्न nirbiji, निर्वीच nirbiji, or खिंच्य abiji. Other names are वंभीरा banjhaura (South-West Shahabad), वाँभी banjhaura (rest of Shahabad), वंभीरो banjhaura in Patna, and देखाएव daihāëb in South Bhagalpur. In North-Fast Tirhut there is also कीर जाएव kaur jāëb, and in East Tirhut मखड़ जाएव bhakhar jāëb.

- 1079. Crops trodden down by cattle are ঘঁমাত (also spelt ঘডাত) dhangāth north of the Ganges, local variants being হঁমাত dangāth in South-East Tirhut ঘঁমাতে dhangāth in Sáran, and ঘঁমাই dhanger in West Tirhut and Champaran. In South-West Shahabad they are অভ্নাতে lahnāël, in Gaya and South Munger ভাৰত khurkhūn, and in South Bhagalpur ভাৰা khīnchi. In East Tirhut they are also called নিইম nighes.
- 1080. Crops laid by the wind are called ग्रिएल giral or खुनल khasal A hot dry wind which burns up crops is to the west called wind jhola, and such crops are known as स्तीलाइल jholail or स्तीलाइल jhonkral. To the east it is that dharha or that dharhi. A frosty wind which frost-bites the crops is মাজা pala or (to the east) মন্ত্রা palla. The same words are used for frost-bite itself, and a frost-bitten crop is पुलमदुजा palmarua. An inundation is इच्चार dahār or बाह bārh, also नारि barhi (North-East Tirhut), धाध dhādh (Gaya), न्यापत aphat (Patna), and a to boha or test khar in the south-east. Morning fogs are সুহা kūha, of which optional local variants are সুইন kuhes or সুইনা kuhesa to the west and जूहस्सा kuhassa in South Bhagalpur. जुहेस kuhes is also current in North East Tirbut, and in South-East Tirbut we find जुम्ह्स kumhes. A fog in the day-time is चून dhun or चूंध dhundh. Hail-stones are पत्थल patthal, प्रसर patthar, पार्यर pathar, or बनौरी ban auri, a local variant of the last being बँगौरी bangauri or वंगोरिया bangauriya in West Tirhut, Patna, and the east.

DIVISION VI.

AGRICULTURAL TIMES AND SEASONS.

1081. The* Bihar agriculturist follows the Hindu year in calculating his seasons. The year is divided into twelve lunar months (मास mās, माँच māńs, माँचना mahina,महिना mahina, or महोना mahina) of 30 days each, and therefore consists of 360 days. Each month is further divided into a first or dark half [किसन पर (or पक्क) kisun pakh (or pachchh)] (commencing with the first day of the wane of the moon), and a second or light half (सकल पर sukl pakh). Roughly speaking, a Hindu month commences at about the 15th of an English month; but as there are thus only 360 days in a year, they begin each year somewhat earlier in the solar year than the year before, till the calendar is brought nearly right every third year by the insertion of an intercalary month (मजमास malmas) of 30 days every third year.

1082. Besides the above, another important division of the year must be noticed,—that into lunar asterisms (नखत nakhat, नक्षत्र. nachhattar, or निक्रता nichhattar). There are 27 of these in each year. and consequently 24 in each month. Each asterism is not of equal length. The longest is ছিখিয়া hathiya, which is 16 lunar days. others range from about 13 lunar days in the dry months to 15 lunar days in the wet. Every agricultural operation commences in a certain asterism, and so it is necessary to know when they occur. The reason of the important position that they take in the agricultural year is that the Fasli year, current in Bihar, is luni-solar, and that the positions of the various months in relation to the sun's course varies from year to year. The sun moves along the ecliptic, completing the circuit in a year. The Signs of the Zodiac, corresponding to our solar months, are divisions of the ecliptic, in each of which the sun stays, while progressing on his journey, for a month. As agricultural operations necessarily depend upon the solar year, in countries, such as Bengal, where a solar year is current, solar dates are suitable for fixing their commencement and completion. But when it is a luni-solar year that is current, the months, owing to their fluctuating position, cannot be taken as a guide for agriculture. Some other method of dating according to the sun's course must, therefore, be adopted.

^{*} Part of the following will be found in Carnegy's Kachahri Technicalities s. v. nakhat.

The moon also journeys amid the fixed stars along the ecliptic. completing its circuit in about the thirty lunar days. Its course, is, like that of the sun, marked out by divisions of the ecliptic,—called, in the case of the moon lunar asterisms. In short, the ecliptic may be compared to a road furnished with two sets of mile-stones,—one set indicating the distance in statute miles and the other in Kilometres. spaces marked by statute mile-stones represent the signs of the zodiac. and those marked by kilometre-stones represent the lunar asterisms. As the sun, like the moon, travels in the ecliptic, there is nothing to prevent its course being looked upon as divided into these 27 asterisms, as well as into the signs of the zodiac. It is evident that, looked upon as measures of the sun's progress, these asterisms are divisions of the solar, not of the luni-solar, year, and that the respective positions of the sun in each of them are quite well suited for dating agricultural operations. Hence, for these purposes, when a peasant speaks of, say, Hathiya, he means that the sun is passing through the Hathiya asterism. It follows, also, that, when spoken of with this connotation, the timing of the asterisms is consonant with that of our solar year, though often differing widely from that of the Fasli luni-solar year. The accompanying table shows roughly the relative positions of the English and Hindu months and of the lunar asterisms, but it must be understood that the relative position of the Hindu months greatly fluctuates.

HINDU MONTHS.

Hindu

Approximate European Month.	Name,
Part of September	आसिन Asin or कुआर Kuār
October	
November	— कातिक Kātik
December	— अग्रहन Aghan
3000000	— पृच <i>Pūs</i>
January	माघ Māgh
February	
March	- भागुन Phāgun
	_ चैत Chait
May	— वैखाख Baisākh
	चेड Jeth
June	- अखार Akhārā or असर Asārh
July	
August	— खाबन Sāwan or खान्त्रोन Saon
Part of September	भाहों Bhadon

Months.

	(किस्न पाड kishun alf (सुकल पख sukl		Asterisms, of which there are two and a quarter to each Hindu month.
Dark .			d of उतरा प्रमुनी Utra Phaguni.
Light .		•••	इस Hast or इधिया Hathiya.
Dark			चितरा Chitra.
			खाती Swāts or चित्राती Siwāti.
Light		****	विसाखा Bisākha.
Dark .	••		अनुराधा Anurādia.
Light .	-	- 4 * •	जेष्टा Jeshtha.
Dark	• • • •	,	मूल Mūl.
Light		•••	पुरवा खाट Purba Khārh.
Dark .	••		उत्राखाः Utra Khārh.
Light	"	•••	सावन Sāwan.
Dark	•••	•••	धनिम्रा Dhanishtha.
Light			सतभीख [ा] Eatbhikha.
Dark	•••		प्रव भद्रपर Pūrab Bhadrapad.
Light .			उत्तर भद्रपद Uttar Bhadrapad.
Dark			रेवती Reoti.
		*,	अखिनौ Aswani or असनी Asni.
Light			भरनी Bharni.
Dark	• . • • • • • • • • • • • • • • • • • •		ब्रितिका Krittika.
Light			रोहनी Rohni or शेहिनी Rohini.
Dark		10	मिरमिस्र Mirgsira or किमिंडाइ Mirgidah.
Light			अरहरा Aradra or अहरा Adra.
			पुनर्वस Punarbas.
Dark	• • • • • • • • • • • • • • • • • • • •	•	पख Pukh or चिरैया Chiraiya.
Light		•••	असर्स Asres or असर्वेखा Aslekha.
Dark			मग्घा Maggha.
Light			परवा फार्नी Purba Phaguni.
TURITY .			1 of उत्तरा प्रमुनी Utra Phaguni.

- 1083. The year current in Bihār is the Fasli year, which commences with the Hindu month of Asin. The year is also popularly* divided into three seasons, viz. the hot (NIN), the wet (NIN) parkha), and the cold (NIN). The hot season commences in unit Phagun, the wet in NINO Akharh, and the cold in attack Katik. The following rhymes, some of which will be found also in Carnegy's Kachahri Technicalities, are current over the greater part of Northern India, and show the various seasons for agricultural operations.
- 1084. Cultivation commences in Jeth, in the asterism of Rohni, when ploughing and sowing begin. The rain of Mirgsira is not good, and hence no sowing is done in that asterism. In Aradra sowing is recommenced and transplanting is done for the winter (aghani) crop. This goes on into Punarbas and Pukh if the rains are late. In Magha and Purba Phaguni the urid, kurthi, and other pulses are sown. In Hathiya rain is very important, both for the winter crops and for the sowing of the spring (rabbi) crops. In former days (say cultivators) the rains used to stop in Swāti, which was very good for the crops but now they end in Hathiya. So valuable is the rain of Swāti that any drop which falls during that asterism into a pearl-oyster becomes a pearl. That is how pearls are made. The rain in Chitra, on the contrary is very bad.

मग्घा लगावे घग्घा, बिवाती लावस टाटो। कहतारौ हाथी रानी, हमहं खावत वाटी॥

Maggha lagawe ghaggha, siwati lawas tati, Kahtari Hathi rani, ham hun awat bati.

—Maggha brings rain-storms, Swāti brings a screen (i.e., rain stops), and Queen Hathiya tells (by her thunder) that she is coming.

पागु कराइ चैत चुक्त किन्तिक नट्टिंह तार। खाती नट्टिंह माख तिल किंहि गए डाक गोत्रार॥

Phagu karai, chait chuk, kirttik natthahi tar. Swāti natthuhi mākh til, kahi gae Dāk Goār.

^{*} Astrologers and poets count six seasons, but the above is the popular division.

-If it rains in the month of Phagun, urid is spilt; if in the month of Chair, lemons; if in the asterism of Krittika, the toddy palms; and if in that of Swati, beans and sesamum, saith Dak, the Gowala.

ची बरसे बैसक्खा राज।
एक धान में दोवर चाज।
Jaun burse Barrakk a rāu,
Ek dhan men dobar chāw.

-If King Baisakh (April-May) rain, every grain of paddy will produce two of rice.

कित्तिका चुए की खे मूए। जो रोचिनी नाचि कारो करे। Krittika chüe chhau le müe, Jon Rohine nähin kado kare.

-If it rains in Krittika, there will be no rain for the six following asterisms, provided Rohini makes no mud.

Krittika is the best asterism for sowing china (panicum frumentosum): hence they say in Tirhut—

जब जिन्ह खरचाक हीन।
क्रिक्तिका में तूं बोइष्ट॰ चौन।
Jab jansha kharchāk hīn,
Krittika meň tūň bosha chīn.

-If you find your stock of food becoming exhausted, sow china in Krittika.

मिरगसिरा तवय रोहिनि सबय अरहरा जाय बद्बुदाय। कहै डाक सुतु भिर्कार कुत्ता भात न खाय।। Mirgsira tabay Rohini labay aradra jāy budbudāy Kuhai Dāk sunu Bhiliari, ku ta uhat na kiay.

-If Mirgsira is hot, Rohini rains, and Aradra gives a few drap, saith Dak, hear, O Bhillari, (rice will be so plentiful that) even dogs will turn up their noses at it.

In chuk is a mess of lemons kept for fermentation, and is here applied to the fruit on the tree.

1085. The rain of Aradra (middle of June) is of considerable importance to the future crops: thus—

खदरा मांच जे बोए चाठी। इख के मार निकाल॰ लाठी।। Adra māns je boe sāthi, Dukh ke mār nikala lathi.

-If you sow sixty-day rice in Aradra, you strike distress with a club and drive it away.

आदि न वरसे अरहरा इस्त न वरसे निहान। कहिं डाक सुनु भिक्करि भए किसान पिसान।! Adi na barse aradra, hast na barse nidān, Kahahiń Dāk sunu Bhillari bhae kisān pisan.

—If Aradra does not rain at the commencement, and Hathiya at its end, saith Dak, hear, O Bhillari, the cultivator is curshed.

And-

चढ़त वरसे अरहरा उतरत वरसे इस्त । कतेक राजा होड़े, रष्टे अनन्द गिरइस्त ॥

Charhat barse aradra, utrat barse hast, Katek rāja dānre, rahe anand girhast.

—If it rain when Aradra commences and when Hathia is ending, no matter how much rent may be demanded, the householder is still happy.

च्यरहरा वरसे सभ किछ् हाँ। एक जवास पतर विन भां॥

Aradra barse sabh kichhu hān, Ek jawās patr bin bhān.

- —If Aradra rains everything grows (lit. if: only one, the jawās (Hedysaram alhagi), loses its leaves.
- 1086. Aradra and Punarbas are the two main asterisms of the month of Akharh (June-July). This is the great month of the year for finishing the preparation of the fields, as the proverb says, where were the proverb says, where we were the proverb says and the proverb says are the proverb says are the proverb says and the proverb says are the proverb says are the proverb says are the proverb says and the proverb says are the pr

पुख पुनरवस वोर धान । माधा असबेखा कादो सान ॥

Pukh punarbas boe dhān, Maggha aslekha kādo sān.

—Sow paddy in Pukh and Punarbas, and in Maggha and Aslekha mix thoroughly the mud (i.e. prepare the fields).

चरहरा धान, पुनरवस पैया । गोल, किसान, जे बीए चिरेया ॥

Aradra dhan, punarbas paiya, Gel, kisān, je boe chiraiya.

-Paddy sown in Aradra turns to plenty, in Punarbas it has empty ears, and sown in Pukh it turns to nothing.

1087. After Akhārh (June-July) comes Sāwan or Sāon (July-August), to which the following rhymes apply:—

बाचीन सुक्तवा सप्तमी कृषि के जगिष्ट भान। ती विग मेघा बरसे ची विग देव उठान।।

Sāon sukla saptami chhapi kai ūgahiñ bhan, Tauñ lagi megha barse jauñ lagi deb uthān.

—If on the morning of the seventh day of the bright half of Sawan the sun rises obscured by clouds, it will rain up to the festival of the Deb Uthan (11th of the light half of Katik, i.e. early in November).

काओन सुकला सप्तमी उग के लूकहिं सूर। इंकी पिया हर बरद वरखा गैन विड् द्र॥

Sāon sukla saptami, ug ke luhahin sur, Hānko piya har barad, barkha gei barı dur.

—If on the same day as that above mentioned the sun rises (clear) and afterwards hides itself behind clouds, drive away, my dear, your plough and bullocks, for the rain is very far off.

बाज्योन सुकता सप्तमी, उदे जो देखे भान। तुम जाको पिया मालवा इम जेवों मूलतान॥ Saon sukla saptami, udai joñ dekhe bhān, Tum jāo piya Mālwa, ham jaiboñ Multān.

—A cloudless morning on the same day (is a sure sign of drought).

My dear (letjus leave the country). I am going to Multan, and
you can go to Malwa.

साञ्जीन सुकला सप्तमो गेनि होंहि मसिया । कह भड़हर सुनु भण्डरि परवत उपनय सार ॥ Suon sukla saptumi, raini hoñhi masiyō, Kah Bhaddur sunu Bha dri, partas upjay sar.

-If on the same date the night is dark, saith Bhaddar, hear, O Bhaddari, excellent crops will grow even on a mountain.

साचान सुकला सम्मी, जी गरजे आधी रात।
तुम जाची पिया मौजना, इम जैनी गुजरात॥
Sāon sukla saptami, jon garje ādhī rāt,
Tum jāo piya Māl a, ham jaibon Gujrāt.

—if on the same date it thunders at midnight (there will be a drought), you must go to Malwa and I to Gujrat.

करके भीने कं करी, विद्वा गरने चाए ।
कन्न भड्डर सुतु भड्डरि कूत्ता भात न खाए ॥
Karke bhīnjai kankri, singh garjai jāe,
Kah Bhaddar sunu Bhaddari, kutta bhat na khāe.

"If in Cancer (Sawan, July-August) the gravel is wet, and Leo (Bhādon, August-September) passes by with thunder," saith Bhaddar, "hear, O Bhaddari, rice will be so plantiful that even dogs will refuse it."

साओन पद्धवा भारत पुरवा खासिन वह ईसान। कातिक कन्ता सिकिछो न डोवी कत्य के रख्वह धान। Sāon pachhwa Bhādab purwa, Āsin bahe īsān, Kātik, kanta, sikio na dole katay ke rakhbah dhān?

-If the west wind blow in Sawan, the east in Bhadon, and the north-east in Asin, and if there is so little wind in Katik that even the reads do not shake, where, my dear, will you have room to keep your rice? (i.e., you will have a bumper crop).

साओन माम वहै पूरवैया वैचह वरद कीनह गैया ।

Sãon mãs bahai puru iya, benchah barad kinah gaiya.

-If the east wind blow in Sawan, sell your bullocks and buy cows (it will be no use trying to plough).

साओनक प्रस्वा दिन दुइ चारि। चुरहीक पाछा उपने सारि। Sāonak pac hwu din dui chari, Chulhik pachha upje sāri.

-If the west wind blow in Sawan for only two or three days, rice will grow even behind your hearth.

साखीन पहिचा महि सरे। भारी पुरवा पथल सङ्गे॥

Sãon pachhea mahr bhare. Bhādoñ purwa pathal sare,

If the west wind blow in Sawan, the land will be flooded; and if the east wind blow in Bhadon, (it will rain so that) the very stones will melt.

चेन भरे छमरेखा मग्घा। फीर भरे छमरेखा मगघा॥ Je na bhare Asrekha Maggha, Pher bhare Asrekha Maggha.

- -That which is not filled up with water in Asres and Maggha has no chance of being filled up till they come again next year.
- 1088. To Bhadon (August September) the following apply:-

पुरवा रोपे पूर किमान। व्याधा घवरी व्याधा धान।

Purwa rope pur kesan, Adha ghaghri anha dhan:

---If a cultivator does not finish transplanting before Purwa (i. e. Purba Phaguni), half his crop will be paddy and half chaff.

चौं प्रवाप्रविधा पावी। सखली निदया नाओ बहावी।।

- Jaun purwa purwaiya pāwe, sukhle nadiya nāo bahāwe.
- -If the east wind blows in the asterism of Purwa (i.e., Purba Phaguni), there will be so much rain that ships will float in the dried-up beds of rivers.

Closely connected with this is the following:-

पुरवा पर औँ पद्धवा बहै। विश्व सि शंड वात करे।। राष्ट्र होनों के हैं विचार। ज वरसे दें करे भतार॥

Purwa par jauñ pachhwa bahai, bihañsı rāñr bât karai, Eh donoñ ke ihai bichār ū bursai ī karaı bhatar.

—If the west wind blows during Purwa, and if a widow chats and smiles, from these facts you may judge that in the first case it will rain, and in the second case she is going to marry a second time.

With this may be compared-

तीसिर पख में घा जड़े, घो विभवा मुसुकार। कहे हाक सत डाकिनि, ज बरसे दें नार ।

Titir pakh meghā ūre, o bidhwa musukāe, Kahe Dāk sunu Dākini, ū barse ī jāë.

-" When the clouds fly like the wings of the partridge, and when a widow smiles," saith Dak, "hear, O Dakini, the one is going to rain and the other to marry."

सुक करे बहरी सनीचर रहे छाए। ऐसन वीले भड्डरि बिन बरसे नहिं जाए॥

Sūk kare badrs sanīchar rahe chhae,

Assan bole Bhaddari bin barse nahiñ jae. .

-A cloud sky on Friday and Saturday is a sure precursor of rain.

साखीन के पुरवा भारों पछिमा जोर। बरघा वेंच सामी, चला है सका खीर॥

Sãon ke purwa, bhādoñ pachhima jor, Bardha bencha sāmi, chala des ka or.

-My husband, let us sell our bullocks and leave the country if there is east wind in Sāon and a strong west one in Bhādon.

The following is current in Tirhut :-

कूषी अमावस चौदी चान। स्वन को रोपन घान किसान।

Kusi amāwas chauthi chān, Ab ki ropba dhān kisān. —After the Kusi Amāwas (the festival of the 15th Bhādon, on which Brāhmans dig kus grass), and the Chauk Chanda (the moon of the 19th of Bhādon, O cultivator? you need not plant out paddy.

उतरा में जिन रोपहु भैया। तीन घान शोए ते रह पैया। Utra meñ jani ropahu bhaiya, Tin dhān hoe terah paiya.

-Do not transplant in Utra Phaguni, for you will only get three grains to thirteen empty husks.

रातुक कामा दौतुक सियार। कि भरी बाहर कि उपतार॥

Ratuk kaga dinuk siyār, Ki jhari bādar ki uptār.

-If the crow speak by night, and the jackal by day, there will be either a rain-storm or an inundation.

ष्णीत्रा वीत्रा वह बतास। तब होता दरसा के खास। Aua baua bahe batās, Tab hola barkha ke ās.

-When the wind blows from all four quarters, there is hope of rain.

1089. To Asin (September-October) the following apply:-

हथिया वरसे तीन होत बा, सक्तकर, साली मास,। हथिया बरसे तीन जात बा, तील, कोही, कपास ! Hathiya barse tīn hot bā, sakkar, sāli, mās, Hathiya barse tīn jāt bā, tīl kodo, kapās.

-Rain in Hathiya produces three things,—sugar-cane, rice, and pulse; and destroys three things,—sesamum, kodo, and cotton.

With this may be compared-

स्था गोल तीनि गोल, सन साठी कपास।
इथिया गोल सब गोल. स्थानिक पासिक चास॥
Adra gel tīni gel, san, sāthi, kapās;
Hathiya gel sabh gel, āgil pāchhil chās.

—Want of rain in Aradra destroys three crops,—hemp, sixty-day rice, and cotton. But by want of rain in Hathiya every thing is ruined, both what has been sown and what will be sown.

हथिया वरिसे, चित्रा में ड्राय। घर वेसे धनहा रिश्याय (or अगराय)॥ Hathiya barise, chitra meñriāy, Ghar busse dhanha ririyāy (or agray).

—If Hathiya rains, and (the clouds of) Chitra hover about, the paddy-cultivator sits at home and utters cries of joy.

चितरा वरकी साटी सारे। खारों भाद शेरद के कारे।

Chitra burse māti māre, Āge bhār gerur ke kāre.

-Rain in Chitra destroys the power of the soil and is likely to produce blight.

न्याधा चित्रा राह सुराह। न्याधा चित्रा जी कराह।। Adha Chittra rai murai, Adha Chitra jau kerai.

-In one-half of Chitra sow mustard and radishes, and in the other half barley and pease.

1090. To Kātik (October-November), the following apply:-

ए भी पानि जाँ बरखे स्वाती। कुर्मिन पहिने खोना पाती॥ Eko pāni jon barse Swāti, Kurmin paire sona pāti.

-If a single shower come in Swāti it enriches people so much, that even Kurmi women get golden earrings to wear.

बेह बिहित ना होखे खान। विना तुला निह पुटे धान। सुख सुखरातो होन उठान। तकरे बरही करह ने मान प तकरे वरहे खेत खरिहान। तकरे बरही कोठिए धान।

Bed bidit na hokke an, bila Tula nahin phutai dhan, Sukh sukhrati deb uthan, takrai barhai karah nenan, Takrai barhai khet kharihān, takrai barhai kothie dhān.

⁽¹⁾ The name 'Hathiya' means 'Elephant', and the asterism is hence said to have four legs, an iron, a copper, a silver, and a gold. Each leg lasts four days, and they come in the above order. Rain in the iron leg destroys the paddy and the habi crop. In the copper leg, it damages them; in the silver leg, it gives half an average; and in the gold, leg, bumpers crops.

—What has been written in the Vedas cannot happen otherwise, and paddy cannot ripen before the balance (i.e. Libra = Kātik = October-November). From the festival of the Sukhrāti (i.e. the Diwāli) to the Deb Uthān (11th of the light half of Kātik) there will be happiness. On the twelfth day after that hold the festival of eating the new grain; on the twelfth after that, heap up the corn on field and threshing-floor; and on the twelfth after that, put the grain in the store-house.

1091. The following are the signs of the stoppage of the rains:

क्ष्य के उगे तो क्या भये, निरमत रेनि करना। कीये जल देखिद्द सगरा, कामिनि क्रप भरना॥

Chhap ke ngai to kya bhaye, nirmal raini karant, Kiye jal dekhiha sagra, kāmini kūp bharant.

—It matters little if the sun rises obscured by clouds, because when the nights are clear (the rains will stop). You will only find water in the sea, and women will have to go to the wells for water.

रात निवहर, (or रातूक चक्तमक) दिन के छ्या। कर्षे घाव जे बरस्वा गया।।

Rât nibaddar (or rātuk chakmak), din keñ chhaya, Kaheñ Ghāgh je barkha gaya.

—If you see a cloudless night and a cloudy day, be sure, says Ghagh, that the rains are at an end.

बोक्ती जुखरों, पूर्व कास। खन नार्द्धी बरखा के खास॥ Boli lukhri, phule kas, Ab nahin barkha ke äs.

-The barking of the fox and the flowering of kas grass are signs of the end of the rains.

कारे अगस्त वन पूर्व काम। अव नाद्वी बरखा के आव॥ Uge agast ban phüle käs, Ab nahin barkha ke as.

—The appearance of the star Canopus and the flowering of the kās grass in the forest are signs of the end of the rains.

काँ नी कुमी चौठ के चान। अब का रोपव धान किसान॥

Kānsi kūsi chauth ke chān, Ab ka ropta dhān kisān.

—If the kās grass and the kās grass flower on the fourth of the light half of Bhādon, why do you plant out, O cultivator (for the rains are stopped)?

1092. The following refer to the dry season :-

स्राहन दोवर, पूच खौढ़ा। मोघ मवाइ, फागुन वरसे घर चू के जाई,

Aghan dobar, Pūs dyaurha,

Māgh sawāi, Phāgun barse gharhu ke jāi.

—If it rains in Aghan, you will get double an average crop; if in Pus, one and a half; if in Māgh, one and a quarter but if in Phāgun, then even (the seedlings which you brought from) your house will be lost.

ख्याहन जे बरसे मेघ. धन खो राजः धन खो देम। Aghun je barse megh, l·han o rāja dhan o des.

-flappy are the king and people when it rains in Aghan.

प नी बरसं आधा पूस। काधा गेइ आधा भूस॥ Pāni barse adha Pūs, Adha yehūsi ahha bhūs.

-Rain in the middle of the month of Püs (i.e. early in January) will give you half wheat, half chaff.

माघ के गरमी, जेठ के जाड़।
पहिला पानी भर मेल ताड़।।
घाघ कहें हम होनों जोगी।
क्लुओं को पानी घोदहें घोनी।।
Māgh ke garmi, Jeth ke jār,
Pahila pāni bhar gail tār,
Ghāgh kahen ham hobaun jogi,
Kēān kā pāni dhothen dhobi.

-Heat in Magh (January-February), cold in Jeth (May-June), and the tanks filled with the first fall of rain (are signs of a grought).

I'll become - eggar, says Ghagh, and the washermen will wash with well-water.

चैत के प्रकेषा भारों के जला। भारों के प्रकेषा भाष के प्रला॥ Chait ke puchhea, Bhādon ke julla, Bhadon ke puchhea, Māgh ke pulla.

-The west wind in Chait (March-April) means rain in Bhalon (August-September), and the west wind in Bhadon means frost in Magh (January-February).

1093. It will now be of advantage to compare the above with a native account of the behav our of the asterisms preceding the fam ne of 1873-74. The poet Phaturi Lal, in his tale of the famine, says as follows:—

June 1873,—Rohni is the first asterism of the rainy seas it; but as it came, it departed without rain.

Rainfall in Tirhut MIRGSIRA fulfilled our hopes, for it give a few drops of rain and departed.

July.—ARADRA passed by with great majesty, thundering on every side.

Rainfall about 6½ inches, of which 4 inches were in the second week and 1½ inches in the last week.

Punarbas is a very holy asterism, but it was also a miser.

PUKH saved the face of the earth, but it becune

the end of the rains.

August.—Asres rained upon such of the Rainfall about 41 seedlings as did rise.

Magha was as poor as a beggar.

Rainfall about 4 inches. September.—Purba Phaguni gave no proof of his existence by rain.

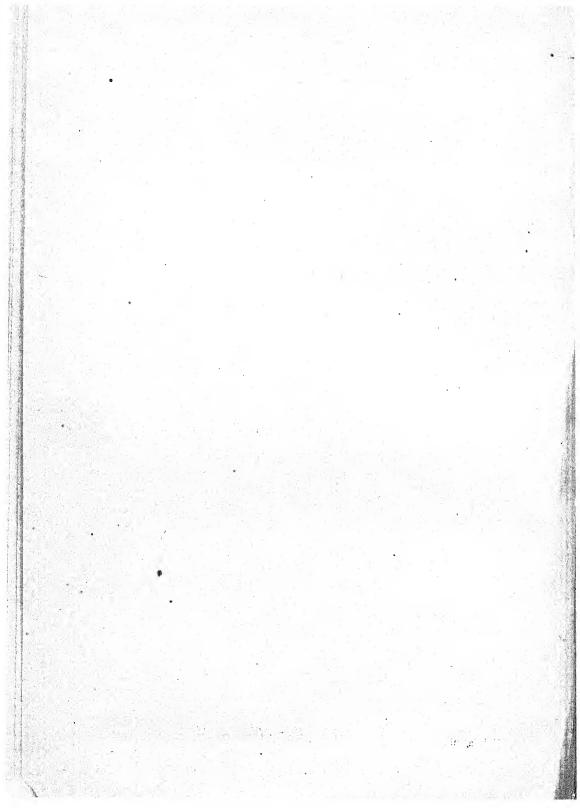
UTRA PHAGUNI did not give even a drop to swear by.

October.—HATHIYA was like an elephant (hathi) who put his trunk in his mouth.

Bainfall nil.

CHITRA was only a robber and a murderer.

Reinfell nil. Swatt was put to public disgrace.



CATTLE AND OTHER DOMESTIC ANIMALS.

CHAPTER I.—CATTLE GENERALLY.

1094. Cattle generally are known as मनेशो maweshi, माल mal, or माल लांग māl jāl. Other names are चौजा chaua north of the Ganges, प्र dhūr in Patna and Gaya, and नरशा bardha in South-West Shahabad. A head of cattle is रास rās, and in Patna and Gaya also प्र dhūr. Horned cattle, exclusive of buffaloes, are मोह goru or माथ मोह gāy goru; also प्र डांगर dhūr dāngar in Patna and Gaya. In Sāran डांगर dāngar means cattle worn out from old age. In North-East Tirhut they are called सदस latal. A worn-out, useless cow or buffalo is said to be इटाइ tutāh or इट गेल tūt gail north of the Ganges, or in North-West Tirhut नेहनाल behwāl. In Patna the term is घौँचा thaunsa, in Shahabad चहुसल thahusal or घौसल thausal, in Gaya नकाहर nakādar, and in South Bhagalpur उटानो uthāno Dead cattle are डांगर dāngar in Shahabad and मरो mari in East Bihar.

CHAPTER II.—BULLS.

1095. A bull is चाँड sānrh when branded with sacrificial marks and let go, and धाकर dhākar when not so branded. चीमर chaubhar (Patna and Gaya) or धकर छोड़ dhakarchhoù is an imperfectly castrated bull, and विनद्दामों binhāmo is a bull to the south-east.

CHAPTER III.-BULLOCKS.

1096. A bullock is बाध baradh, also in Patna, North West Tirhut and in Shahabad optionally बाइ or बड़्ट barad. To the west it is also called बेस bail, and in Gaya पूर dhūr or पेरा paira. Plough-bullocks are called चायो harāthi to the east. The pair are called चाइ। jora. In a team of three bullocks the wheelers are called पूरी dhūri

or प्रिया dhuriya to the west, and जोड़ी jori to the east. The leader is बीड़ binr or विड्या binriya to the west, and मिही jhitti or जाटा nata to the east.

1097. A yoke of well-bullocks is called मोतहा वर्ध motha barait. The bullock which works blindfolded in an oil or sugar-cane press is called वाता nāta or कोन्ह्रचा वेस kolhua bail. When there is ploughing going on or a cart being pulled by the aid of three bullocks, of whom only two are yoked at a time while the third one rests, the three are called तेयूरा tedhura or (in East Tirhut) तथा tedhri, or in Patna त्या teptar Similarly when there are four bullocks, of whom two rest while two work, the team is called चौद्धर chaukhur or चौद्धार्था chaukhariya or चार्या charbar ha, or in South-West Tirhut फेरवार pherwar. In the case of ploughing the boy who looks after the unemployed bullocks is called in No.th East Tirhut अवदाह anwah

1098. Bullocks are distinguished by various peculiarities, such as the following:—

A bullock unbroken to work is अदारी adari, also अदार adar in Tirbut, in Shahabad, and in South Bhagalpur. In Pate a and Gaya he is औरा andar, in South Munger अने abon. One that sits down at work is utal parua to the west, and north of the Ganges कोढि korhi.* In South-West Shahabad he is महिन्तर gariar, in Shahabad and Gaya मर gar, and in Patna मनकीटी mankorhi. A vicious bullock is मरखाइ markhah, also माखढा markhanda in Patna, मरखनी markhanno in East Bhagalpur, and माखन markhan in Gaya. In South-West Shahabad the words HETT markaha and MART latha are used. A shying bullock is म परियाह phephrivah to the north and west and चिह्नार chihukar or हरनाइ harkah north of the Ganges generally. In South-West Shahabad he is बंदिया bandiya, in the rest of the district सकार manjhar, in Patna and Gaya भरताहा bharkaha, and to the southeast द्वादा harkaha. To butt is द्वा पेतल hur petal in the west and मारव marab in Tirhut. In Patna and the east it is to H HTTA dhuns marab. and to the south-east द्व मारव dhūs mārab or द्वा मारव dhusa marab. In Gaya it is द्रियाएन dhusiyaëh, and such a bullock is द्रसमार dhusmar or द् सियाहा dhisiyiha. To break in cattle is हेवार जीतल teware jotal to the west. In Tirhut it is पान बगाएन or जीतन pat lagaeb or jotab. In East Tirhut it is पाएत सुवाएन pāët ghumāëb, and in Gaya पीरी ने जीत्र piri men jotab. In Shahabad निकासन nikāsal, in Patna स्थापन

Compare the proverb कोटि वरद के फे फोड़ बहुत korki barad ken phephari bakut,—it is the lazy bullock that snorts and shies.

- daghrāëb, in Gaya इन्हरायन dahrāëb in South Munger मोहरायन gohrāëb, and in South Bhagalpur इन्दियायन chhatiyāëb, mean to cause an animal to get up and to drive it along a village-road.
- 1099. A stunted bullock is ननिकास nankirwa, नाटा nâta, or नटना natwa. A dwarf bullock is भेना gaina.
- 1100. A bullock whose horns project in front is আঁৰা ghoncha north of the Ganges and in Patna and South Bhagalpur, also ঘাঁঘা ghompa in East Tirhut. In Shahabad it is আঁৰবা ghonchwa, in Gaya ঘাঁঘা ghonghar, in Patna also ঘাঁমা ghongra, and in South Munger ঘাঁঘা ghonghra.
- 1101. A ballock one of whose homs is erect while the other hangs down is सरमपताली saragratāli (literally pointing to heaven and hell) or सङ्घानाली sarangpatāti. He is also called देन deb in Champāran and West Tirhut संसास्रो kunsāsuri in South-West Shahabad, पनाल सिङ्गी patāl singhi to the south-east.
- 1102. A bullock whose horns join in the centre is দীবিদ্ধী gausinght in South-West Tirbut, and বিনয়ভা singjutta or বিনয়ভাৱ singjutal generally
- 1103. A bullock whose horns are loose and are turned down is called मेना maina, or in Patna and the south-east मेन main.
- 1104. A bullock whose horns are curled like a ram's is भेड़ता bheñrwa, भेड़ bheñr, or मेहना mendhwa.
- 1105. A bullock one of whose herns turns to the right and the other to the left is বাবা chālar, or বাবা chālar when they are small and flit. When they are large, he is called দতাই phathāh or দত্যা phatha. In North-East Tirhut he is দ্বেনাইন pharakjāāra.
- 1106. A bullock with stunted horns is म उरा muthra or म दिया muthiya generally, but in Shahabad it is मुठाल muthal or मृठ ल muthail and in Gaya म्डिया muthariya.
- 1107. A buliock with no horns is HET munrera in Saran, HET bhunda in Champaran, HET bhunda or HET bhunra in Shahabid, HET munra in North-East Tirhut, and HET munda in Gaya and the rest of Tirhut, HET murla in South-East Tirhut, Patna, and South Munger, and HET mura in South Bhagalpur (ther names are HET dunriya in South-West Shahabad and Zet thutha in South-Last Bihar.

- 1108. A bullock with only one horn is एकसिङ्गा eksingha or सिंघटा singhtutta.
- 1109. When a bullock has a broken tail he is called ৰাজ bānr or ৰাজ্য bānra north of the Ganges and to the south-west, also বাচা nārha in East Tirhut and the south-east. In Gaya and Champāran he is ব্যাচ banda, and in Patna বাড়ো landha or ব্যাচ bandha. In South Munger he is বাঁচো lānrha. The opposite to this is ঘাঁহ্ৰালা ponchhwāla.
- 1110. A bullock with its ears covered with long hair is स्नावर jhābar to the east and स्नवरा jhabhra to the west. One with crooked eye-brows is भौजां डेर bhauñāñ ter or भौजां डेर bhauñāñ der, also in South Munger भावां डेरा bhāñwāñ dera.
- 1111. A bullock not used for agriculture because it has excrescences (representing Shiva) on its body, but purchased by religious mendicants, is known as অহল jataha or ব্যহা basaha. Other local names are অহলো jathāwa in Shahabad and অহা jato in South Bhagalpur. It is the bullock ridden by Shiva.
- 1112. A ইবসা chherua or ৰঘিষা badhiya is a castrated animal, as distinguished from the ভাট sānrh or entire bull devited and let go. The sacred marks placed on this last are the বিষয়ৰ tirsūl or trident and the বন্ধ chakkar or discus.
- 1113. The following rules for selecting cattle are current throughout Bihār:—

वैस व साहे चलसह सन्त । वैस व सहिह दू दू दन्त ॥
साह सरीटी सौंचोर वान । ईशांख़ किनिह मित आन ॥
जब देखिह रूपशौर । टाका चारि होह उपरौड़ ॥
सव देखिह मैना । तब एहि । पार सं किरिह वैना ॥
जब देखिह वैरिया गोल । उट वैठ के किरिह मोल ॥
सव देखिह करियवा कन्त । केला गोला देखह सब हन्त ॥

Bail besāhai chalalah kant, bail besahiha dū dū dant, Kachh kasauti sāñor bān, ī chhāri kiniha mati ān. Jab dekhiha rūpadhaur, tāka chāri dīha uparaur, Jab dekhiha maina, tab ehi pār san kariha baina. Jab dekhiha bairiya gol, uth baith kai kariha mol, Jab dekhiha kariyawa kant, kaila gola dekhah janu dant.

—My dear, you have started to by a bullock, be sure and buy one with only two teeth. Do not buy any which is not some shade of grey; but if you see a pure white one, you may

advance your price four rupees. If you see one with loose horns, give handsel without crossing the road (to look at it more carefully, i.e., it is sure to be a good one). If you see one with a read head and a light red body, don't buy till you have had a good look at it. But, my dear, if you see a black, or a yellow-grey, or a red one, don't take the trouble to look at its teeth.

The following is a warning against two kinds of bullocks :-

खरा पताली भीँ आँ टेर। ज्यापन खाय, परोसिया हेर।। Sarag patāli bhauñāñ ter, Appan khāy parosiya her.

-A bullock with horns pointing up and down, or one with crooked eye brows, injures its master and the neighbours as well.

CHAPTER IV.—COWS AND BREEDING.

- 1114. A cow is गो gau or गाय gāy. One that has had one calf is known as a पश्चित or पश्चित गाय pahiloth or pahilaunth gāy. Sometimes these words are spelt with z t instead of with z th. A cow or buffalo within six months after calving is धन dhen generally. In North-East Tirhut it is धेउन dheün or धन dhenu, in Patna and the south-east धन dhenu, and it is also इन dheuu in Putna. After this she is बक्त baken, or (in Shahabad and the south-e st) बक्त t bakena. A cow that calves yearly, or that never stops milking, is प्रदिया purāhiya north of the Ganges. A cow that breeds when five years old is प्राइ pachār. In Shahabad and Patna she is घनप्रश्ची dhanpurahi in Patna (also), Gaya, and South Munger बरसारन barsāin, and in South Bhagalpur पारिया poraiya. A barren cow is बिसा bahila generally, also उद्दा thahra in South-West Shahabad.
- 1115. To be covered by a bull is वर्षियाएव bardhiyāëb or परियाएव pariyāëb, and also south of the Ganges वर्राएव bardāëb Another general term is पाज खाएव pāl khūëb. To copulate (of animals). is वाहव bāhab, also in North-East Tirhut ओहाएव ohāëb. In regard to buffaloes, भेंबाएव bhainsāëb may also be used, and of a goat ख्याराएव chagrāëb to the west.

- 1116. A cow in calf is बर्दाएल bardāël or. ग्रामिन gābhin. In Scuth Bhagalpur she is फरली pharli The act of calving is वियान biyān or विश्वान biyāna. South of the Ganges भोल देव ihol de' is to give birth to a number of young, e.g. in South West Shahabad a man was heard saying हमार हैते हु भाज वचा दिहलस इ०. hanār chheri du jhol bochcha duhlas ha,—my goat has dropped kids on two occasions.
- 1117. A cow that is a good milker is दुधार dudhār or दुधारि dudhāri.* One which gives milk for one and a half years is इवट dewarh or in North-East Tirhut वर्ष barkhu. A cow or buffalo that has gone five months, in calf, or that has given milk for five months is सहरोस sahros north of the Gauges, and also प्रविधा purāhiya in North East Tirhut. One that gives little milk is चौंटी chonrhi or चौंट chonrh, also चौरनी chorni, and in Tirhut धौंक dhonchh. In Shahabad it is नरहर nathāhar, and in South Bhagalpur चौंड: chaunr. A cow that kicks at the time of milking is करकर karkat, or in Tirhut जायराह lath ah.

CHAPTER V.—CALVES.

1118. A calf as long as it is unweaned is बेस् leru. A male calf is बाह्रा būchha, बह्रवा bachhwa, or वहर buchhru, and a female calf बाह्री būchhi or बह्रिया bachhiya when they are from 1½ to 3 years old. When a calf has two teeth, it is होहान dohān north of the Ganges and in Shahabad. In the rest of Shahabad it is दुस्त dudant and elsewhere होहन्त dodant or होहन्ता dod.nla. In West Tirhut it is होहा चेल dokh bail. When it has not yet got its true teeth it is called उद्या udant, or to the east अद्या adant. सोस् osar, or to the west कार्य kalor, is a heifer ready for the bull. In North-East Tirl ut she is मौर yaur, in Patna फेटाइन phetāra, and in South Bhagaljur स्व करिया ankariya. In South-East Tirhut से thair is a two-year old heifer. Full-grown cattle are तैयार taiyār. In calculating roughly the age of packbullocks, the word तील taul, or in Gaya पर pūr, is used. Thus एक तील ek taul or एक सास के तील ek sāl ke taul, one year full-grown; द तील du taul, two years full-grown; and so on, the counting commencing from

^{*} Cf. the proverb जाही ते किङ्पाइरे सहिए कड इवीन; ला सात सुमुकार ते सहत दुशारिधेन jāhi teāk c'hu pāiai, sehiai karui lain, lāt khāt chuchkār teā sahat dudhari dhen,—from who soever you expect to receive benefits, you mast bear abusive words; even while being kicked by a milch-cow, a man will endure its actions and pat it.

the time when the bullock has eight teeth, viz. when he is four years or more old. A calf with six teeth is called इन्हेंत chhadānt. It is also called इन्हें chhakkar, इन्हें। chhakra (male), or इन्हें। chhakri (female). Such calves are not appreciated, as in the proverb मूहन बर्श क्यां barda chhakri,—as soon as a bullock is dead (it is abused and called) a chhakri. A calf with seven teeth is सत्हर saidar or समझ saidhar to the west, and सन्हर saidar elsewhere south of the Ganges, except South Bhagalpur, where it is सत्तर satattar. In West Tirhut it is सतह्न saidanla. A calf with eight teeth is पूरा pāra, i.e. full-grown or अधिन adhail.

1119. Coaxing a cow that has lost its calf to eat grain is called तोरिया toriya, or in South-East Tirhut चसतूरिया ghasturiya. In South Bhagalpur it is called तोरियान toriyān. The same words are used for reconciling a cow or a buffalo to its newly-born calf by smearing the latter with sugar. A kind of hair string used for tickling a cow with a similar object is सेल्झ selh or सेल्झी selhi; and to do this is दाँवल danwal in the north-west and सेल्इल selhal in Sonth-West Tirhut. Sometimes the skin of the calf stuffed with hay is put before a cow which has lost its calf, especially at milking time. Salt is sprinkled on it and the cow licks it and lets her milk flow. The stuffed calf is called जगावन lagawan north of the Ganges. In South-West Shahabad it is called ख़्लितडी kha'itari, in the rest of the district मौर maur in Patna करची karchī, and in Gaya करती मरी karti mūri. The kind of food given to cows when they calve is visa pakheo to the west and in Patna; also पहिंचा pakhewa in South Munger. In North-West Tirhut it is चोहाट chohat or चुहाड chuhār, and in North-East Tirhut चोहर chohair. In South-East Tirbut it is महेला nahela, and generally मसाज masala. In Gaya it is पुसरे pustai.

CHAPTER VI.—BUFFALOES.

1120. A male buffalo is भैंचा bhainsa, also महिंचा mahisa in East-Tirhut. A female buffalo is भैंच bhains or भंची bhainsi; also भई bhain north of the Ganges, and महिंच mahis or महिंची mahisi in East Tirhut. A buffalo calf is पण्डल parru or कडल karru. A male buffalo calf is पण्डल pārra or काला kāra, and a female one पाही pāri or काला kāri. A well-known proverb is दित महिंची चर, पडराह मार khet mahisi char, parruhiñ mār,—buffaloes are grazing in the fields, beat the calves, i.e., in a fight the smaller men get caught, and the richer and more powerful real

culprits get off. In Patna and the south-west जोचर lochar is a two-year old buffalo. In Gaya it is हे हान tehān. A buffalo with two teeth, i.e. three years old, is पस pas.

CHAPTER VII.-GOATS.

- 1121. A goat is ह्रा chher or बक्कार bakkar. A he-goat kept for breeding is generally बोका boka. General names for all male goats are बकार bakra, खस्सी khassi, or ढंस्सी khañssi. Other terms are द्यार chhāgar or बोकडा bokra (North-East Tirhut), बोद्य botu (Patna) or बोदी boto (South-East Bihar), बीयड biyar (South-West Shahabad), and विश्वस्त biahan (rest of that district). A she-goat is बकारी bakri or द्री chheri, also द्यारी chhagri to the east. A castrated goat is specially खस्सी khassi or खंस्सी khañssi in Tirhut and south of the Ganges. North of the Ganges the general name is द्रे द्यार chherua.
- 1122. A kid is पउट pathru. A male kid is पाउ pātha or मैंसना memna, and a female पाडो pathi, पिट्टया pathiya, or मैसनी memni. In South Munger it is sometimes called नक bakru. A goat kept for sacrifice is called south of the Ganges पउट pathru, but when kept for other sacrifices it is called खर्सी khassi.

CHAPTER VIII.—SHEEP.

- 1123. A sheep is मेंड् bheñr. A ram is मेंडा bheñra or (in South Bhagalpur) मेंड्री bheñro, and a ewe मेंड' bheñri. A lamb is मेंडिक बचा bheñrik bachcha, also पढर pathru and वक्ट bakru in Tirhut. मेमना memna is also used in South East Tirhut.
- 1124. A flock of sheep or goats is দ্বাড jhund. or দ্বাড় jhūnr; also বাড় jer in East Tirhut, ইবা her in West Tirhut, and বাল jel in South Tirhut. A flock of about twenty is বাছিত leñhar, and of about one hundred বাম bāg. মাইত gahenr is a still larger flock of four or five বাম bāg. In South Bhagalpur ভাষা kharuho, and in South Munger ভাষা suher, mean a flock of sheep.

CHAPTER IX.-PIGS.

1125. The general term is चूगर sugar or मूखर sunr, also ो क thoka in North-East Tirhut. Musalman villagers call them euphemistically

वह कीम bad kaum, or in North Tirbut and Patna वह खोम bad khom (i.e., 'low caste'). Other simil ir names are द्वाम harām in Gaya, and ब्र मोद्दी bad mohri. A young pig is पाइर pāhur to the east, also (male) द्वारा dahra north of the Ganges and in Gaya, तहरा tahra in Shahabad, क्रीना chhauna in Patna and the west, and क्राना chhāwa in Gaya. Female names are दहरी dahri (also in Gaya) or द्वार chhāwa in Gaya. Female names are दहरी dahri (also in Gaya) or द्वार chhāw north of the Ganges, and क्रमी kumbhi in Gaya. A full-grown boer is पट्टा pathha or पटरा pathra in North-East Tirbut, and a full-grown sow is सोमनी somni in the same place. A pigsty is खोभार khobhār, or to the west खभार khobhāri. In South-West Shahabad it is also खोनार khobār, in South-East Bihar it is खभार khabhār, and in Patna and Gaya it is नखोर bakhor.

CHAPTER X.—HORSES, MULES, AND ASSES.

- 1126. A horse is घोडा or घोरा ghora, and a mare घोडो or घोरी ghora. A common term for both is घोड or घोर ghor. Sorth of the Ganges and in Sāran another word for a horse or mare is चर्दा charwa. A pony is टइ tattu and a pony mare टर्जानी tatuāni, and also in Patna and Gaya मिर्यान madiyān. A foal is बहेडा bachhera, and a filly बहेडी bachheri.
- 1127. To own a horse is a great piece of display according to Bihar ideas, as in the proverb উঢ় নাত ঘাঙা, না নাত দীল derh got ghori, nau got phauj (spoken of one who makes display when he cannot afford it),—the owner of one and a half (i.e. two wretched) mares goes about (like a lord) with nine servants.
- 1128. An ass is गर्हा gadha, a she ass is गर्ही gadhi, and an ass's foal गर्हा के बचा gadha ke bachcha, or (in East Bihār and Shahabad) छीनी chhauni. An ass-driver is गर्हेंडी gadheñ i. A mule is खचड khachchar.

CHAPTER XI.-ELEPHANTS.

1129. An elephant is हाथी hāthi, a male elephant is हत्था hatha, and a she-elephant हथनी hathni, हथनी hathni, or (in East Tirhut) मेर्नी medni, and in South-West Tirhut जोड़ी jorhi. A mile elephant with small tusks is पञ्जना makuna. One with large tusks is पञ्च pattha;

1130. Elephants are tied up with a front foot-chain, which is वेड़ी beri or पेक्र paikar, and also in South-East Tirhut छनुद्धा chhanua. Its hind legs are chained with chains called डागी daggi or नज़र nangar. and also with a wooden hobble, called कटनम्बन kathbandhan.

CHAPTER XII.—CAMELS.

1131. A camel is জ' ই unt, also among Musalmans মানুৰ shutur. Its young is called বালা bota in North-East Tirhut. Its nose-ring is বৰ্ণাল nakel. ক্ষাৰ kathra or কাতী kāthi is its wooden saddle, also called ঘলাৰ palan in North-East Tirhut; and মইলা gadela or মহা gaddi is the pad.

CHAPTER XIII.—STRAYING OF CATTLE.

1132. To stray is generally ইং বিষয় hera jāëb; also in Saran মুলা লাহল bhula jail. Other terms are অন্য aner (or অন্যান anerwa) লাঘ্ৰ jaeb in North-East Tirhut, ৰহুলল bahkal or মাহিয়ায়ল bhonriyael in Shahabad, and ৰহুত লাঘ্ৰ bahat jaeb in Patna and Gaya ৰখাৰ bathan and also in North-East Tirhut নীআৰ goas, is a cattle enclosure. Other words are ঘায় ghera, তাত dhāth, and তাতা dhatha. লামৰ lambhab, or লামহৰ lamhab, is to drive cattle into another's field to graze on the crops.

CHAPTER XIV.—COLOURS OF CATTLE.

1133. These are-

White.—This is चरक charak or चरका charka, with a variant चरको charko in South Bhagalpur. In Gaya it is रुपायो rupādhau, and els where also रूपाय rupādhar or रूपायोर rūpādhaur. Another word is च्या chamwra in North-West Tirhut.

1134. Grey of various shades.— चवर d'awar, धौर dhaur, or in Sh habad धावर dhāwar, is a light grey. धोवन sokan is a dark grey, बेल kail or बेला kaila is a yellowish grey or cream-colour, and धिवेवा sileba or धिवेवे silebe, reddish grey. धांवर samwar or सौरा saunra is a black grey. क्योटी kasauti and काळ kachh are shades of grey.

- 1135. Red.—A reddish cow is बोल gol, बोला gola, or बोलन golwa. A dark red one is लाल lāl. A cow with a red head and the rest-of the body of a lighter colour is व श्वि बोल bairrya gol. धर्मोनो dhurgolo is another shade of red in South Bhagalpur. महुमोन mahugol means red like the mahua flower (bussia latifolia). In Shahabad this is महुजार mahuar, and in South Munger महुनाहा mahulakha.
- 1136. Yellow.—This is पौद्धार pāar or पिद्धारा pāara. ग्रह्मन
- 1137. Black.—This is कारी kari, करिया kariya, करियवा kari, yawa, or (South Bhagalpur) कर्जा karua.
- bagehhalla (tiger-skinned), जाज नगर्सा lal bagehhalla being a red brindle and सक् इनार्सा suphed bagehhalla a white brindle. जार कन्या karkandha is one black on the shoulders. In Shahabad this is called करिकन्या karikandha. गुजरार guldar is a spotted ccw, and पांच किवान panch kaliyan a piebald one, or more properly one with white stockings and a white blaze on the forehead.

CHAPTER XV.—HIDES.

1139. These are चमडा chamra, खाल khal, or चर्चा charsa, गौखा gaukha is raw eow's leather. It is also called कोईटा goita north of the Ganges. में मोटा bhainsota or (in South Bhagalpur) में मोटा bhainsautha is that of buffalces. चाम chām is tanned cow hide. Sheep skins are खन्डी khalci. A bullock's hide cut in two halves is आधा पारी ādha phāri or (North-East Tirhut) पांची phānki. The hides of cattle which have died a natural death are द्वारो murdari or मुर्दार murdār, and those of killed cattle इनानो halāli. याग्र sibar is tanned deer skin. A depot for hides is चाया के गोदाम charsa ke godām. In South Munger चर्या charsa is a cess paid by tanners to the landlord.

CHAPTER XVI.—CATTLE SLAUGHTER.

1140. A slaughter-house is আগানা lokana in Champaran, মনস্থ manhar in South-East Tirhut and Shahabad, and বিশ্বভানা kilkhāna in South West Tirhut.

- 1141. Another name in Shahabad is ग्राइनान gurdawan, and in Patna खंट khūnt. Flaying and cleaning is कमीना kamīna or कमाना kamīna. A butcher is कसाइ kasāī, but a goat-butcher is करक्षांच bakar kasāb, and a चिक्त chik* or चोक chīk kills beth goats and sheep. The large knife used by them is नोगहा bogda, and also north of the Ganges इनिया dabiya. The block is उद्या theha, कून्य kunda, or क्र्यो kunda. In South-West Shahabad it is खोड khor, and in South Bhagalpur it is परकट हो parkattho. The string used for hanging up the animal to be flayed is जोंकाना lokāna.
- 1142. A cultivator has many terms of abuse for his cattle. A favourite one is जाइ करों वा खंडा jāh kasaiya khānta,—may you go to the butcher, or to the sacrificial stake.

CHAPTER XVII.—FEEDING CATTLE.

- 1143. To chew the cud is पग्रा (or पाग्र) करव paguri (or pāgur) karab north of the Ganges and in Shahabad. South of the Ganges generally it is पश्राएव paghurāëb or पश्री करव paghuri karab. Local names are पान करव pāj karab in Tirhut, कोशी करव karab or कौरो करव kauri karab in Patna and Gaya, and गढाउँ करव galthai karab in South Bhagalpur.
- 1144. Cattle fodder, consisting of the stems of the जनेरा janera (Holcus sorghum) and similar green stuff, is cut with a chopper (see §§ 86 and ff.), and is known as ब्रह्म kutti or क्रिया kutiya. In South Bhagalpur it is क्रद्रों kutri, and in Patna कहा kutta. The fodder for stall-fed cattle is गवत gawat north of the Ganges. Other names are केन्ना lehna—carrent in Shahabad, भौत gaut in Gaya, and भौतन्द्र gautha in Patna. A general worl for fodder is चारा chara, or in North-East Tirhut चरो chari. गन्रीटी gajrauti or (in Gaya) गन्रीट

विप्र टहल् चा, चीन धन, ची वेटिन के वाढ़। एहु से धन न घटे, तो नरी वडन से राड॥

Bipra tahalua, chik dhan. o betin ke barh.

Ehu se dhan na gate, to kari baran se rar.

^{*} It is unlucky to touch money received from these men on an inauspicious day. Hence the proverb:--

[—]If you cannot get rid of your wealth by having a Brahman servant, keeping possession of money received from a butcher, or from excess of daughters, you will do it by fighting with bigger men.

gajrauta are stalks and leaves of the carrot (जाजर gājar) given to cattle. The chopped up sugar-cane tops (जंड genr) given to cattle as fodder are called आगेड agenr, &c., as described in § 1012. चांको chānchh: in North-East Tirhut is a cattle-food made of spring-crops cut before they are ripe and then dried. खानी sāni is the chaff and water on which bullocks are fed.

- 1145. To feed cattle is सानी पानी करन (or हन) sāni pāni karab (or deb). Another phrase current in Patna and Gaya is गीत हन gaut deb. A load of fodder is नोसा bojha, and also मोट mot in Patna, Gaya, and Shahabad. Chaff is भूसा bhūsa, with variants भूसा bhūnsa (in Patna and Gaya) and भूसा bhūssa. The net full of chaff is जला jalla or जाला jāla generally. In Shahabad and South Munger it is जलाइ jalkhar, in South-West Shahabad जोरा jora, and in Patna जारा kapāï. The refuse grass, &c., which cattle leave behind is जिया lather to the west, नियास nighās to the north-east, and गोयार in Patna, Gaya, and the south-east. Local names are खयेल khadhel in Shahabad and गोरवारो gortharo in South Bhagalpur.
- 1146. A beast that eats little is निखोरा nikhorāh or निख्राह nikhurāh, also चिन्निया chikanıya or अन्तर्पाच्या alpajiya in South-East Tirhut and सन्तर्मार gawatchor in South-West Tirhut. In Patna and Gaya it is optionally नन्सीय naksondh, in South Munger चिन्नन्नीर chikankāur, and in South Bhagalpur चिन्नन्तिन्भो chikanjibbho.

CHAPTER XVIII .- PASTURAGE.

1147. Lands set apart for pasture are generally simply परती parti. Special names are, however, रखात rakhāt north of the Ganges and रखाँत rakhānt (South Munger). Other names are चिरामाह chirāgāh in Sāran, Patna, and South Munger, चराँट charānt or वाच bādh in Gaya, and चडार arār Shahabad. A cattle-yard is वचान bathan or वचानी bathani. The field in which cows are fed is in South-West Shahabad चराई charāi, in the rest of that district उचेर uber, and in South Munger उन्हों ubera. In Gaya it is वाच bādh, in Patna वच्चानी baharsi, and in South Bhagalpur विद्यार bahiyīr or चार बेंग. Cattle left to graze without watch are चनिर्या aneriya to the west, अनेरा anera in West Tirhut, इंडा chhutha in Gaya, उद्झा udangar in Patna, उच्चा ujiha in South Munger, and उच्चा ujra in South Bhagalpur.

CHAPTER XIX.—FENCES.

1148. A fence to keep cattle out of fields is चेरान gherān or चेरान gherāni to the north-west. In Tirhut it is नारी bāri or ने ट berh. South of the Ganges it is चोरान ghorān. Local names are चेरा ghera in Tirhut and इत्या chhāpa in South Munger. In Champāran चिराँत hirānt is a hedge of brambles not fixed in the ground.

CHAPTER XX.—GRAZING-FEES.

1149. These are of two kinds :--

- (1) Those paid to the owner of the land.
- (2) Those paid to the herdsman.
- 1150. A cowherd is called बनार gwār, मोखार goār, अहोर ahīr चरनाइ charwāh or चरनाइ। charwāha, and मोर्खिया gorkhiya. A tender of cows is in North-East Tirhut में नाइ gaiwāh. A shepherd is महारो garefiri or मॉडिइर bheñrihar. South of the Ganges the latter also takes the form में डिइर bheñrihār or में डिइर्स bheñrihāra. A local name is में डिय्र bheñrdhurai in South Bhagalpur.
- 1151, (1) The fees paid to the owner of the land are known as खरचरी kharchari or खरचराई kharcharāi north of the Ganges and in Gaya. The latter also is used in Gaya. In Shahabad the term is बर्दिया bardiya. In Tirhut, Patna, and the east are noted कास चराई kās chārāi, बाह चराइ kāh charāi हेना dena, मेंचाँचा bhainsondha, and बरहाना bardāna. In the south-east the word is हेना daina. In many places these fees are only paid for buffaloes, and not for other cattle
- 1152. (2) Those paid to the herdsman are ব্যাহী charwāhi or বাবে charāi. See also § 1205.

CHAPTER XXI.--COWHOUSES AND ENCLOSURES FOR CATTLE, CATTLE-OWNERS, &c.

1153. A cowhouse is गोंचार gausār or गोंचाला gausala. To the east it is गोंचाल gohāl. Local names are गोंचा gaighara in North-East Tirhut, राखील darkhol in South-West Shahabad, and रोगाइ dogāh in Patna and Gaya. चार sār is also used to the west. बरवा barghara, or in Gaya वस्रवा baharghara, is a cattle-shed. In

Champāran a breeding-shed for cattle is called ঘাই ghāri. A place where cattle are collected is ব্যাৰ bathān. In some places a special word is used for spots where buffaloes are collected, viz. হিলে hirāt in the north-west, কাঁট lenrh in North-West Tirhut, বিষয়ে baithār in East Tirhut. To collect cattle is ব্যাৰ্থনিয়েইট. In North-West Tirhut it is কাঁটিয়াইল lenrhiyāël. A cattle enclosure is মানা pājha in the north-west and ঘলাৰী palāni in Tirhut. In Shahabad it is কাইছে arār. A local name in North-East Tirhut is চেইছা dhattha, which becomes চাই dhāth in West Tirhut. A general word is ব্যাৰ bathān. In Patna কাইছেৰ arān, and in Gaya কাইছে ara, is an enclosure for cattle in the forest.

- 1154. To the west an owner of cattle is called मौद्धार mauār. The song sung by cowherds while herding is called विद्धा birha, or (in South Munger) महराइ mahrāï. Another similar song, but sung to a different air, is चाँचर chānchar. जारकाइ lorkāï is a special cowherd's song concerning a hero called जोरिका lorika. In South Bhagalpur the cowherd's dance is called जोडियारी loriyāro. The man who dances is called नह आ natua or ने हुआ netua.
- 1155. In Gaya चेल्ছবা chelhwa, in West Tirhut . বহু chalha, and in Saran বালছা chālha, is a knife used by milkmen. The brand for branding cattle is বাহী sāli.

CHAPTER XXII.—CATTLE-DEALERS.

1156. These are পাছো pherha north of the Ganges, and in South Bhagalpur পাছৰ ক pherbaik. In South-West Shahabad they are ছাছো hariha, in Patna লাছভিনালা lenhriwāla, in South Munger মাছভিনালা genhriwāla, and elsewhere ছাবোলা hārwāla.

CHAPTER XXIII.—MILK AND ITS PREPARATIONS.

1157. Milk is द्घ dūdh. Cow's milk is गय gabya or गोर्ख goras. To milk an animal is द्घ्व dūhab or जगाएव lagāëb. A cow that gives milk is जगहर laghar or जगाना lagwān, as opposed to नाटा nālha or अनाटा anātha, which is one that does not; one that milks plentifully is दुधारि dudhāri.*

^{*}Cf. § 1117. Another proverb is दुधारि गाय के दू जाती भजा dudhāri gāy ke du lāto bhala.—even two kicks from a good milker are to be valued.

- 1158. When the milk of a cow or buffalo runs dry, the word used is विस्वा bisukhab. Local words are ठाइँडहोएव thāinth hoëb (South-East Tirhut), विस्वाव biskhāb in Patna and South-East Tirhut, वृद्धाव chuhthāb in Shahabad, and उमरा thamra in the south-west of that district. The milk of a cow for six months after calving is धेन (or south of the Ganges इन) के दुध dhen ke dūdh. After that it is बकीन के दूध baken ke dūdh.
- 1159. The unsophisticated Bihar villager is not ignorant of the advantage which accrues to the seller by watering the milk he sells. According to popular belief the cow acts as the milkman's confederate in this, as in the proverb near nearly. Have, see a use generally gain, gay goāren milāp, thehunen pāni duhāb—the cow and the milkman are confederates for (without the pail leaving his) knee, she lets him milk water into it. At the same time it is but fair to add that some translate the proverb as meaning that when a cow and the milkman are friends she will let him milk her even standing in water up to her knees. Both translations are possible.
- 1160. Clarified butter is ख ghyu. Sometimes the Hindi word ची ghi is used. The word is sometimes spelt चीव ghīw. Local names are नेउन neun in west Tirhut, चिन्नना chikna in Gaya, नेतु namu or जैन lain in Shahabad, and नेनू nenu in the east. Fresh clarified butter is सहीर के खू ahīr ke ghyu, or in the South Bhagalpur गिरस्त खू girastu ghyu; and that stored for a time in leather vessels जुपी के खू kuppi ke ghyu or गेन्नहा के खू gelha ke ghyu. South of the Ganges it is also called हिंदिनाहा ख dakhināna ghyu.
- 1161. The sediment which settles in making clarified butter is मिट्यार mathiyar, माउ māth, or माउ। mātha north of the Ganges. South of it it is जैन lainu in South-West Shahabad, मटार mathgar in the rest of that district, मटाइ। mathāha in Gaya, and मटाइ। mathāhi in Patna. The refuse left in boiling it down is डार्ड dārhi; also मिट्या mahiya in North-West Tirhut, and घोर ghor in Tirhut generally. Other names are माइन pharan and महरन mahran in Shahabad, and कोरोनी korauni, used in the same place and in South Munger; खेंडो khankhori in the rest of Shahabad, and खरननी khurchani in Patna.
- 1162. Tyre or curdled milk is to or the dahi. It should be noted that this word is feminine, though grammarians say it is

masculine.* Another name current in West Tirhut is चर्ड sajui. The old curds put in to curdle milk are चारन joran. Tyre is a luxury, hence the proverb घर रही, बहरो रही ghar dahi, baharo dahi,—only he who eats tyre at home gets it abroad.

- 1163. Curdled milk is जमाव दृष्टी jamão dahi or सजाव दृष्टी sajāo dahi. Other names are स्वि sānchi to the east, सज्जा sajwa in North-East Tirhut, मिट्ट mithur in South-East Tirhut, and जमुद्द jamuï in Gaya. The cream of this is called क्राजकी chhālhi, a local variant being हाजो chāli in Patna. In South-West Shahabad it is साहो sārhi. When this is taken off, the remainder is called जद्भ दृष्टी katuï dahi or क्ष्मजद्भ chhalkatui. In Shahabad it is also called क्रिन्द chhinui, and another name north of the Ganges is क्रिन्टी chhinuhi. Another variety of curds, from which the whey has been expressed or boiled, is called क्रिन्ट chhena. It is something like the dry curds from which cheese is made in England.
- 1164. The thick milk given by a cow just after calving, or beesting milk, is भेत्रम phenus or भेत्रसा phenusa to the west. In Tirhut and the south-east it is खिरसा khirsa, and in Gaya टाकर dhākar means the milk of the first milking after calving, भेत्रस phenus being that of the second. A cow that drops her milk is कांसबेत्या kāmdhenua or घेत्रागर dhenuāgur north of the Ganges, also खासर khasar in Fast Tirhut. To allow the calf to suck the teats of a cow for an instant before milking, so as to induce the latter to let the milk flow, is भेन्द्राएल phenhāël or पेन्ह्राएल penhāël.
- 1165. Cream is मलाइ maiāi or बलाइ baāil, and skim-milk पश्चावन pasawan or (in East Tirhut) छनुत्रा दुध chhnua dādh.
- 1.66. Butter before clarification is नेउन neün north of the Ganges, and also नेन nen in North-East Tirhut. South of the Ganges it is सेन /annu to the west, चिन्ना chikna and सम्खन makkhan in Patna and Gaya, and नेन nenu there and in the south-east. Butter-milk is सहा mattha, माउ। mātha, or घोर ghor. In Gaya and the south-west it is also छाँछ chhānehh. A well-known proverb about butter-milk is इयम सहा प्रसि पीने dūdhak jareñ mattha phūki pībe,—through having been scalded by (hot) milk, he blows on the butter-milk before he drinks it i.e., a burnt child dreads the fire.
 - 1167. खोद्या khoä is milk boiled down till it is thick.

^{*}Eg., in Manbodh's Haribans, VII, 48, যুক্ত হৈ বৃদ্ধি ল'ল আঘুলা বি, kao

CHAPTER XXIV.—CATTLE DISEASES.

- 1168. Medicines are administered through a bamboo tube called **ঢ্ৰেনা** dharka or কাঁড়ী kānri.
- 1169. The identification of the following diseases is in many cases very doubtful. The list is given rather in the hope that it may form the basis of a future identification by competent experts. Probably many of the names given as representing different diseases are merely different local names of one and the same disease.
 - 1170. Farcy.—This is अशिया agiya or अशिननाय aginbay.
- 1171. Diseases of the stomach.— নাঁকী jonki is inflammation caused by small leeches in the stomach and liver. In West Tirhut it is নানতী jokti. पेटचलो petchali, or (in Tirhut) पेटोक petauk, is diarrhea; पोत्तव pokab, or in North Tirhut হাঁতী chhīnri, is purging. पिনহী pilhi is said to be a swelling of the liver. Perhaps it is disease of the spleen.
- 1172. Foot and mouth disease.—This is ভাছো khorha in the north-west and in West Tirhut, অহ্বাছ ahwāh also in Champāran and North-West Tirhut, ভাঁমহা khangāha in East Tirhut, ভাঁমহা khongha in West Tirhut, মলহা bhajha in South-East Tirhut, আমা ābha in Tirhut generally, and (optionally) দুহো khurha in Patna and Gaya.
- 1173. Diseases of the throat and mouth.—आंती कदव anti barhab, or आँती चा जाएब anti charh jäëb, is swelling of the uvula. कारार kanthar (Gaya and the north-west), भिन्दी bhirukhi (Tirbut), क्या रोग kantha rog (Gaya and Tirhut), Gent dharka (Patna), is a disease of the throat and chest, which swell and prevent the animal swallowing. Little dhānsi (north of the Ganges) is cough. वैंगा benga is inflammation of the versels of the tongue followed by dysentery. যুদ্ধা thukha (Patna and the south-east) is described as a disease in which saliva flows from the mouth. मुखमामी sukhbhāmi (north-west and Gaya), इंडी chhenri (Tirhut), दॅतनर dantnar (South-East Tirhut), इनुआ hanua (South-East Tirhut and Patna), सकावाँत sukarwant (Patna, Gaya, and Shahabad), इन जहर dant lahar (South Bhagalpur), are described as diseases of the tongue. जिन्मी jitbhi (West Bihar) or जिमसहा jibhsatta is lampus. भुक्ते bhundi (Patna) is described as a throat disease. क्या सारू kantha sāru (South-East Bihar), or in Gaya नाही कनवा nādi kanwa, is a

- होता sona hola. चौर मतका chor matka (South-East Bihar) is a disease of the mouth which prevents the animal eating. सुद्धपिका munipasija is diarrhœa with watering at the mouth. In Gaya घरघरवा ghargharwa is a disease accompanied by rattling in the throat. घोंचपुत्रवा, ghongh phulwa in Gaya, and घेसुचा gheghua in Gaya and Shahabad, is a kind of goitre.
- 1174. Disease of the feet.—Foot-rot is सनकाह jhanakwāh North-West Bihār and Shahabad) and सनका jhanak in Tirhut. In Patna it is सनकाता jhanakbāta, and in South-West Shahabad सनका jhanka. नाता bāta is a swelling of the knee-joint. When a bullock becomes lame through overloading, the phrase used is सर जाएव bhar āëb, सरकार्य sarak jāëb, or उत्तर जाएव, ukhar jäëb, or in South-East Tirhut खञ्चा khanja. चरें या charaiya in the south-east is too large hoofs. खाँग khāng is an insect bred in the feet, which is supposed to devour the whole body. An animal affected with it is खाँगल khāngal.
- 1175. Rinderpest.—This is जैचन chechak everywhere. Other names are गोटी ने निन्नासरी goti ke niksāri and महमाया mahmēyā both generally, and बरना ने मारी barka bemāri in Champāran, गोसाउन gosāiin in North-East Tirhut, अन्तर कतना antar katwa and जगरमा jagdamma in Gaya.
- 1176. Windy colic.—This is फलवात phulbat, पेटपुक्ती petphulli in Tirhut and Shahabad. In Patna it is विन्या bindha. A similar disease accompanined by difficulty of breathing, is फुलवचा phulbagha in Gaya and Shahabad.
- 1177. Staggers.—These are सिर्गी mirgi generally; other names are द्वानो ghurni (Patna and the south-east), द्वारी ghumri in South-West Shahabad, and इत यादा hateyarwa in the rest of that district Perhaps इनकी tunki in the South East, which is described as a sudden death of cattle, is a veriety of staggers.
- 1178. Worm (or filaria) in the eye.—This is चाँदनी chandni in Gaya, and माडा māra or माडा पुत्ती māra phulli in Shahabad.
- 1179. Tumours.—These are সহবোহ jaharbad, with a variant সহবোৱ jaharbāt in Gaya and South-West Shahabad. Another name in Shahabad is বিষয়ে pirki.
- 1180. Pevers.—छाड़ेया arhaiya or छाड़े या arheya is a fever lasting two and a half days. In Tirhut it is called जरखोर jarkhor.

- 1181. Pneumonia.(?).—A disease attended with panting is called হ'দ hāmph in the north-west and in West Tirhut. In South-East Tirhut it is হুদ্দী haphni, and in North-East Tirhut হাম bāt.
- 1182. कॉडपका konrpakka (South Bhagalpur) is a disease in which the liver gets abscesses. खरी kharra is a kind of mange. It generally attacks young cattle.

CHAPTER XXV.—CATTLE-FODDER.

1183. The following grasses and other plants are used for cattle fodder. Their botanical names have not been in the majority of cases indentified:—

ज्ञंकता ankta, —see ज्ञंकरी ankri.

अंकरो or अंकडो ankri (west), भेखरी bhekhri (north-west and Gaya) भिकोर bhilor (north-west), अंकता ankta (Patna, Gaya, and south east) : also अटका atkā (South Bnagalpur), vicia sativa:

ग्रटका atka,—see मं करी ankri.

अँडुकी anthuli (Gaga), आँडी anthi (South-West Shahabad and Gaya).

खनजान anjan, (Patna, Gaya, and Shahabad).

अमता amta (West Tirhut).

अमरोरा amrora (East Tirhut, Gaya, and Champaran.)

गरेया araiya (generally).

आँडिल anthil, — see गुँदली anthuli.

उनटा चिर्चिरी unta chirchiri (East Tirhut and Gaya).

चोरी टीनी ori tini (Patna and Gaya).

औं कर aunkar (Shahabad and Gaya).

কাৰা kajla (Champāran and North-East Tirhut) or বৰুৱা kajri (Shahabad).

कतरा katra (Saran and Tirhut).

कनवा kanwa, कन्ना kanna,—see केना kena.

करमी karmi,—see करेस karem.

करार karar (Shahabad and South Munger).

करम karem (South-West Shahabad), उस्मी karmi or करमी जत karmi lat elsewhere, a creeping-plant with a small white flower which grows in marshes (Convolvulus repene).

काना kāna,—see के ना kena.

क् करौंघा kukraundha (north).

कुक्स kukusa (South-West Shahabad).

क्रीना kena (west and Gaya) or काना kāna (Tirhut, Patna, and South Munger), also कनना kanwa (Gaya) and कन्ना kanna (South Bhagalpur and Gaya), which grows in Indian corn.

कोढ़िला korhila (Champaran and North Tirhut).

कौआरा kauara (East Tirhut).

खाडा khagra (Shahabad).

खुखसा khukhsa (general).

खोभी khobhi, (South-East Tirhut, Gaya, and Champaran).

गड्नी garni (north-west).

गॅंड्स ganrhar (Shahabad, Gaya, and South Munger), गाड़ियार gariyar (west), गॅंड्र ganrer (Gaya), गाँड्र gānrar (Patna), गड़ार garār (south-east), गड़्स आह क्राध्या garharus or गॅंड् रो ganreri (north).

गड़ईरसा garharua, गड़ार garār, गड़ियार gariyar, गंड़र ganrer गँड़ेरी ganreri,—see गँड़हर ganrhar.

गरप ड़ोत्रा gadpanroa, गर्पिड़ोड़ा gadpirora, गर्पुरना gad purna—see गध्पुरना gadbpurna.

ग्रधपुरना gadhpurna (West Tirhut and Champaran), ग्रह्माना gadpurna (Shahabad), ग्रह्मान्त्रा gadpurna (Patna and Gaya), ग्रह्मान् gadpirora (South Munger), पुरननी purnwo (South Bhagalpur) (Boerhaavia procumbens).

गाँड्र gānrar,—see गंड्हर ganrhar.

गुजरा gunjera (South-West Shahabad).

गोधना godhna (East Tirhut).

चकोड़ा chakora,—see तिनपतिया tinpatiya.

चरो chari, - see चौराँत chorant.

TITI chāra, branches of trees, especially of the pipar (ficus religiosa) or of the bar (ficus Indica) given as folder to elephants.

चिननो chikm (South-West Shahabad and Gaya).

चिचहोर chichhor,—see चिचोरी chichori.

चिचोरी chichori (Tirhut), also चिचोर chichor (north and Gaya), चिचहीर chichor (east) or चिचोरी chichoro (South Bhagalpur and Tirhut) and सँड्रे lenrai (north-west),

चिनवा chinwa (East Tirhut).

चैंच chench (west), गड़ोंकी garaunchhi (Champāran and Patna), खरींची saraunchi (Gaya and South Bhagalpur), सर्ह्यो sarhanchi (Gaya and South Munger) (various species of Achyranthus).

चাহাঁব chorānt (Gaya and South-West Shahabad), দহা chari (west generally), দাহাঁবা chorānta (Patna), লুভ্যুভ়ী jurguro South Bhagalpur), and জ্যাভা jugra (South Munger).

जनेराइ jakerāi,—see जीने राइ jaukerāi.

जिनवा jinwan (west) or स्तीरी jhiro (East Tirhut).

ज्रांग (South-West Shahabad).

नुगड़ा jugra, नुड्गुड़ो jurguro,—see चोरां र chorant.

जीव job (Tirhut, Gaya, and west generally).

जी कराइ jau kerāi (generally); जकराइ jakerāi (south-east) See & 959.

भारजा jharuā, -- see भार jhar.

भार jhār (Tirhut and Gaya), भारता jharua (Saran and Patna), a kind of brushwood growing on wells, &c.

भौरो jhīro,—see चिनवा jinwān.

टाच्या tharhiya (Shahabad and East Tirhut).

Eint dangar (Patna and Champaran), a species of Indian corn which bears no cobs.

GTAT dabhi (north of Ganges, Gaya, and Shahabad).

डें द्वा derhua (South Tirhut).

तितली titli (tuya and west), तेतारो tetāri (Tirhut), तेतार tetār (East Tirhut).

तितोइ titoi (Gaya and South Munger).

तिनप्रतिया tinpatiya (south and west) and च को डा chakora (Gaya south-east).

तंतार tetar, तेतारी tetari,—see तितली titli.

इधिया dudhiya, a kind of wort. It is very poisonous.

दुव dūb cr इस dūbh, also south of the Ganges दुव्भी dubbhi (cynodon dactylon).

अकरा dhakra (Tirhut and Champaran).

धिमोद्रे dhimoi (Gaya and west), इसोई chhimoi (South Munger).

नरचा narcha (Gaya).

नरजाँक narjonk,—see खरही larhi.

नदञा narua,—see पौचार poar.

नरे nar ai, नार nar, नेवारी newāri.—see सार lar.

पतलार patlār (Champāran).

पपरा papra,—see पिपरा pipra.

पर्योता pasaunta,—see वसौता basaunta.

fuuti pipra (South-East Tirhut, Patna, Gaya, and South Munger), uuti papra (South-West Shahabad), and uuti pupra (Champāran and South Bhagalpur).

प्परा pupra,—see पिपरः pipra.

प्रमवी purnwo,—see मधपुरना gadhpurna.

पोद्यार poar (south), पोरा pora (West Tirhut), नक्या narna (South Bhagalpur), straw which has been trampled in the threshing-floor.

परका pharka (South-East Tirhut).

पुटिया phutiya (East Tirhut).

फुलेना phulena (north-west), ग्राम तूलसी shām tulsi (West Tirhut) or बुन तूलसी ban tulsi (East Tirhut).

फेफ्ना phephna (East and South Tirhut).

बन तूलसो ban tulsi,—see फ्लोना phulena.

वन पोक्ता ban posta (Champaran and Gaya), wild poppy.

बन केराई ban kerāi (Patna, Gaya, and West).

वर्षीता basaunta (north of the Ganges), वसवाहर baswanta (Shahabad), or (North-East Tirhut) पंचीता pasaunta. which grows in Indian corn.

विवादी bisarhi (East Tirhut).

विद्यां berhiyan,—see वेरो beri.

बेखन belwan, बेखोन्हा belonha, बेखोधन belaudhan,—see बेखोंधा belaundha.

वेदींचा belaundha, which grows in rice and millet, found north of the Ganges, in Patna, and South Munger. In Gaya it is वेद्योधन belaudhan, in Shahabad वेद्यान belwan, and in Gaya and South Bhagalpur व वोन्द्रा belonha.

बेरी beri (Gaya), बे दियाँ berhiyan (Patna).

भिजीर bhilor,—see अ करी ankri.

भूकी bhūsi (north) or भोषा bhosa (Tirhut), chaff.

भेखरी bhekhri,—see चाँकरी ankri.

भोषा motha (north of Ganges, Shahabad, Gaya, and south-east) (cyperus rotunda).

मकई के डाँट makaï ke dant (Gaya), Indian corn stalks.

सकरा makra, a grain (north of Ganges, South-West Shahabad and South Munger) which grows in Indian corn. See § 993.

मा के नारा mandu ke nāra,—see मा आही maruāti.

मसी masi (Saran).

म्टमर mutmur (north of the Ganges), which grows in rice-fields.

मड्याटी maruāti (Gaya and South-West Shahabad), मण्डू के नारा mandu ke nāra (Gaya), marua straw.

मन्त्रा munga, सञ्चलन sahjan, &c., (hyperanthera moringa), see स्वयन saiyan in § 1074. It is very plentiful at Gaya, hence the proverb—

म्नगा, मच्छर, मोखतार, मातजादी, ई चारी में साइवगण्ज की आवादा,

Munga, machchhar, mokhtar, māljādī, ī ohāro señ Sālabganj kī ābādi.

-Munga, mosquitoes, attorneys, and courtezans, these four make up the population of Sababganj (i.e., outer Gaya).

मनम्न munmun (north-west).

HITAI murka (north), found in wheat and barley.

म रेना murena (west).

रटनी ratni (East Tirhut).

राटन rātan,—see राष्ट्री rarhi.

and rari (north of Ganges).

মাটো rārhi (Shahabad, Patna, and Gaya, and South Munger), মাহন rātān (South Bhagalpur).

जारा lapta (Gaya and west.)

जरजीका larjonka,—see जरही larhi.

बरही larhi (Patna), नरजॉक narjonk (South Munger), खरजॉका larjonka (South Bhagalpur).

जार lār or नार nar, also नरे narai (South-West Shahabad), and नवारी newāri (Patna and Gaya), untrampled straw.

जंदई lenrai (Gaya and west) or (North Tirhut) कोढ़िला korhila, found in rice-fields. The same as चिचारो chichori.

शाम त्याची shām tulsi,—see फूलेना phulena.

साँदे sāñiñ (Gaya and Shahabad) or सामी sāmi (North-East Tirhut).

सामा sāma (Tirbut),—see § 989.

सामी sāmi,—see सांइ sāñiñ.

साँबाँ sāñwāñ, (Gaya, South-West Shahabad, and South Munger).

चिद्वीर sihor or चिद्वीड़ा sihora (Champaran and Tirhut).

सुञारा suara,—see सुरबरिया surbariya.

सुरवरिया surbariya (Patna and Gaya), सुरवार surbar (Gaya and Shahabad), सुद्धार suaru (Gaya and Shahabad), सुद्धारो surwari (north), found in millet.

स्रवार surbar, सूरवारी surwari,—see सूरवरिया surbariya.

श्रेद्धी serhi (South-West Shahabad).

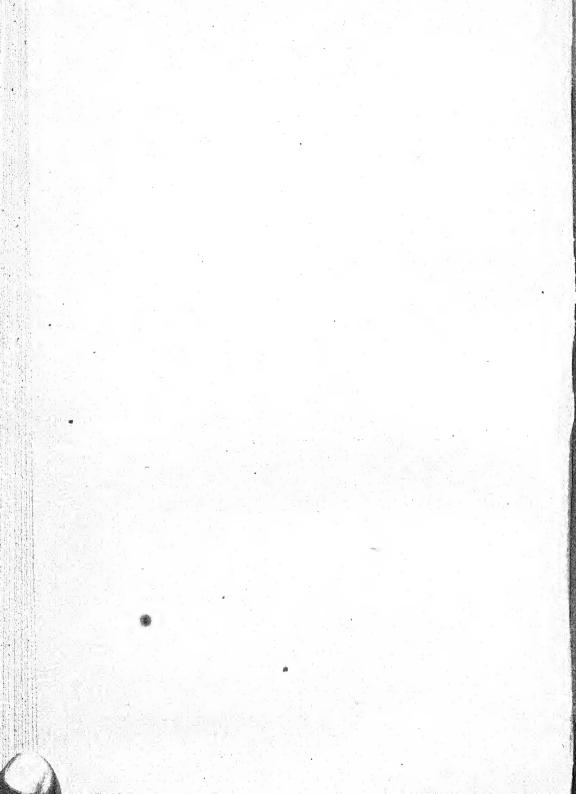
sei hara,—see sesi hadda.

হতা hadda (north of Ganges) or (East Tirhut) হতা hāra, হাতা hara, (Gaya and Scuth-West Shahabad), which grows in millet (cuphorbia hirta). Cf. also § 1075.

इथवे hathbai (East Tirhut).

हरीती harauti (South-East Tirhut).

TITI hara,—see TE EI hadda.



DIVISION VIII.

LABOUR ADVANCES, WAGES, AND PERQUISITES.

CHAPTER I .- PAY AND ADVANCES TO LABOURERS.

- 1184. A labourer generally is सज् र majūr, also in Tirhut and the south-east जन jan. Another very general word is विनिद्धार hanihar. In east Tirhut a नमरिजा kamariya (i.e. he who wears a blanket) means a labouring man generally. In Patna, Gaya, and South Munger he is also कमियाँ kamiyan. In Tirhut चाकर chakar is a paid servant, as opposed to affect bahiya and state charwah, which mean an unpaid servant. A day-labourer is in South-East Tirbut रोजहा rojha; elsewhere he is मन्द majūr or जन jan, as above. A servant engaged by the year is नोकर nokar north of the Ganges, and also state harwah (literally, a ploughman) in Tirhut. Forced labour is बेगारी begari, and a forced labourer is बेगार begar, or in Gaya द्वाकिम इ कमी hākim hukmi. In East Tirhut जिर्तिहा jiratiha is a labourer who receives land rent-free and works for his master without remuneration in the agricultural season. In the north-west the पारी बाखा pāriwāla sometimes works for his master and sometimes for himself. In Tirhut Tage khawas means a male house-servant, Hindu or Musalman. A proverb which alludes to him is चौरत सङ्घीर, पहरब सङ्घ खनास. chorak sang chor, paharuk sang, khawas,-with other thieves he is a thief, but in the presence of the watchman he is simply a servant.
- 1185. A labourer's pay is सनुरो majūri, or to the east अन रा ajūra. When paid in kind it is वन ban or वनि bani, also वोनो boni in North-East Tirhut. When paid daily it is also called रोज roj or (in Patna, Gaya, and South Munger) रोजीना rojīna. In Champāran it is रोजनची rojbandhi. Monthly wages is दरमाद्दा darmāha, also महिना mahinna when it is a fixed sum, and महिनारो mahinwāri when it means the average income of the month. Yearly wages is चालियाना sāliņāna or चालीना salina. In the north-west it is also चालीना salīna, and in

North-East Tirhut परको bārkhi. In Sāran and North-West Tirhut मनी mani is an allowance of grain made to a servant in lieu of pay. In South Munger it is कोराना korāna.

1186. Advances of pay to labourers are फाजिस phājil or आवड. agwar in the North-west. In East Tirhut they are जनीर janaur, in West Tirhut अशोडी agauri, and in South-East Tirhut also आगाउर agāür. In Shahabad they are आवन agwan, in Patna आगार agār in South Munger आगोरी agauri, and in South Bhagalpur आगोरी agraur. In Gaya they are कमियोटी kamiauti. इस्वर harwar in the west, and इरोरी harauri in South-West Shahabad and Tirhut (or in East Tirhut optionally हरीर haraur), is an advance of grain or money or a piece of land given to a ploughman when he is engaged. In the south-east it is हरवाही harwāhi, in Patna कमिअदे hamiaī, and in Gaya कमियोटी kamiyauti.

CHAPTER II.—ADVANCES TO TENANTS.

- 1187. Advances are generally त्याची tagāwi or करना karja. The following special names are also used:—
- 1188. Advances to buy food.—These are তাৰ khaihan to the west and in Patna and Gaya. In Tirhut they are called ব্ৰিয়াহা baniyanta, and when in cash কলো karja. In Patna and Gaya they are তাহিল kharihan.
- 1189. Advances to buy seed.—These are विश्वष्ट biahan in East Tirhut and वीचन bihan in Patna and Gaya. In Shahabad they are बीया वाँगा bīya benga or वीया बाल bīya bāl.
- 1190. Advances for purchase of cattle and sinking wells—
 These are বাৰো tagāwi or কৰো karja south of the Ganges. In East
 Tirhut অ্যান্য adhlāwa, and in West Tirhut অ্যান্য adhlappa, is the
 advance made to a tenant for the purchase of cattle. The lender receives
 back amount of the advance and half of the profitderived from
 the cattle.
- 1191. Advances for marriage expenses.—These are करवेन karjain in Patna.
- 1192. In Champaran दिश्वस्ती dahihakki is a remission made by the landlord to a lessee. In South-East Tirhut similar terms are दुटती chhutti (used also in Patna and Gaya) and दाति khātir. In West

Tirhut and Champaran when fallow land is given to a cultivator for a quarter rent or rentfree for the first year, the custom is called खिलही khilhi. So also in South-East Tirhut it is आसा बास बंदा chās, and in Shahabad खील मारी khīl māri. See also §§ 912 and 913.

CHAPTER III.—DUES PAID BY TENANTS.

1193. These are principally the cesses paid to the resident artisans and other non-cultivating residents in the village, who are known as प्रवनी pawani, पौनी pauni, or पौनिया pauniya. In East Tirhut they are प्रवनी प्रवाडी pawani pasāri, and in Gaya as प्रञी pabbi.

1194. The carpenter (ৰভ.ছী barhi) and blacksmith (জীতাহ lohar), who are generally the same person, get a fee from the member of a marriage procession who gets any work done by him. This is known as बिरोत birit in South Munger, and as वियाच दानी biyāh dāni in South Bhagalpur. Elsewhere it is simply रनाम inam or नकसिस baksis. His remuneration for the repairs of instruments is कठा katha in Saran, जीरा jaura in Champāran, and पाल pāl in Tirhut. In Shahabad it is कमाइ kamāi, and so also in East Tirhut. In South-East Tirhut it is also भाँवर bhanwar, and in South Munger it is करेनी kamaini. When he is paid at so much paddy per plough, it is called, according to the amount, नोभा bojha in Sāran, Patna, Gaya, and the south-east, अंटिया antiya or पाँचा pānja in Champaran, and पँजीर panjaur in North-East Tirhut. Another of his perquisites received at the time of sowing is called अवन र anjur in Shahabad and आंन री anjuri in Gaya. He receives a further remuneration for keeping the cane-mill in order. This is पचरावन pachrāwan or आवर bhāmwar in Shahabad, कोल्इक kolhkarh in Patna, कोवडकर kolhkar in South Munger, and कोवडपचरानी kolhpachrāni in South Bhagalpur. In Saran he gets two rupees for each mill, and his remuneration is called खान khān. For repairing other implements he gets in Sāran याजी sāli, and a similar cess in Champaran and Tirhut is known as खरिष्टानी kharihani. In South Bhagalpur and bhaunri is the general term used for his perquisites. In North-West Tirhut GIA khān, and in North-East Tirhut खन khan or कमाद kamāi (which means wages for any work done), are the wages for making a new mill. The grain actually given is simil dali, and amounts to from 10 to 30 sers. The fee for repair is विशाहरी bighati, and is 4 annas per bigha for मोरहन 88 R. & J.

morhan or first cuttings, and 2 annas per bigha for a khunti or second cuttings of the cane.

- 1195. The weaver's perquisite.—This is in North-West Tirhut, बानी bāni, and elsewhere বানা bāna.
- 1196. The shoe-maker's (चमार chamār) perquisite.—This is भाँबर bhāmwar to the west. In Gaya and Shahabad, however, it is खरिष्ठानी kharihāni. It is पास pāl in Champāran and Tirhut, also समाद kamār and पंजीरा panjaura in North-East Tirhut. In the South-East it is पांजा pānja or बोम्ना bojha, and in Patna and Gaya मंगनी mangni. वियोगा biyaua to the west and इत dat to the east is the fee given to his wife for service as a midwife.
- 1197. The sweeper's (নিছুন্য mihtar) perquisite.—This also is ভাছোনী kharihāni or ক্ষান্ত kamāi in Shahabad. In the south-east it is a sweeper's and not the shoe-maker's wife who officiates as midwife. A sweeper in the south-east is ছাড়ী hāri, and his wife is ছাড়িন hārin. The fee paid her for her services is হ্ন dat or হ্ন মালনী dat bhojni.
- 1198. The perquisites of the village accountant (uzati pat wāri) are many and various. In Patna and Gaya if the tenant's lands are नगरी nagdi he gets in Patna 21 sers per bigha, and in Gaya 121 sers per plough. This is called माँगन mangan, and is his recognised salary. He also gets a fee of one pice in the rupee per annum for answering a raivat's inquiries about his rent. This is called इन्ताना huitāna. If the land is भावली bhāoli he gets in the same district, in addition to the above, नीचा noncha (also in Shahabad नीचिया nochiva) or "pluckings," which amount to ith of a ser per maund. A similar fee is called anaz balkat in Saran. In Shahabad a village accountant gets in the case of नगरी nagdi lands a perquisite of lan anna in the rupee, called टकही takhi. In the case of भावली bhāwli rents he gets } a ser or a ser per maund, the first being called अमेरी aseri, and the second at seri or atal serhi. In the case of a general clearance of rents he gets a present of 8 annas or a rupee, called फरकतियावन pharkatiyāwan. In Tirhut this item is called फरकाना pharkana or परिकाना pharikana. In South Munger lands are principally नगरी nagdi, and the village accountant is a servant of the landlord and is paid by him, and gets nothing from the tenants. His pay is as follows. In the case of नगरी nagdi tenures he gets a मांगन mangan of 5 sers per bigha. When the land is Hami bhāoli he gets 21

ers per maund, and his pay is called दहिस्त माँगव dahiak mangan. He lso gets a प्रकांना pharkāna of one pice per rupee in the case of a clearance of accounts. In South Bhagalpur the tenant gives the accountant a नेग neg of 3½ sers per maund. In most districts he charges a pice for every rupee for which he grants a receipt. This is called generally रिस्टाना rasidāna or रिस्टान rasidāwan, also क्याना kabjāna in East Tirhut. होती दिलाई holikheläi or प्राथा phaguāhi, दीमात प्राद doāt pujāi, and दुर्गा प्रवाह durga pujāi, are cesses levied by the accountant on the three main Kāyasth festivals of the Hindu year. The above are the usual amounts of his fees, but many of them vary from village to village.

1199. Perquisites of the weighman.—See § 914.

- 1200. The village watchman.—(गोइ त gorait, कोतवाज kotwāl or (when a Government servant) चौकीहार chaukīdār) is sometimes paid by a grant of rent-free land (जागीर jāgīr), and hence he is called in South Munger जागोरहार jāgīrdār. When otherwise paid, his remnneration is called generally south of the Ganges चौकीहारी chaukīdāri. In the north-west it is खरिहानी kharihāni, in North-East Tirhut गोइ तक मूड goraitak mūth, and in South-East Tirhut गोइ तो goraiti. In Patna and Gaya he is sometimes paid in kind, and his fee is then called परिस्ताना phasilāna, and in Gaya also नाचा noncha.
- 1201. The perquisites of the landlord,—In addition to his rent, the following customary cesses may be noted:—गोआम goām in Patna, Gaya, and South Munger, বনুত্র আ banhwaiya in South-West Shahabad, and mere gohar generally, are personal services rendered to the landlord by the tenants en masse. E gua hukumat or utulte pharmāis are occasional demands of service or produce for special purposes. This in South Munger is called महत madat, and in South Bhagalpur इत्रमंती hakmaiti. His perquisite of milk from his tenants' cows is in South-West Shahabad হুদ্বে duhāo. Cesses paid on special occasions are generally called चलामी salāmi, but there are frequently special names. E.g., when a tenant's daughter is married, the landlord gets a fee called वियाह्दानी biyahdani, सद्यात sadiyat, सद्यात sadiyat, or बहियाना sadiyana. In North-East Tirhut this is usually one rupee four annas at a girl's marriage, and ten annas at a boy's marriage, which is realised from every one except Brahmans, Kayasths, Rajputs, and Musalmans. In South-West Shahabad it is # 54

on the marriage of a daughter for the second time, and भोजनी bhoini is paid on the marriage for the first time of a boy or girl. The former cess is paid in cash, but the latter in kind; e.g. in rice, pulse, or clarified butter. For other cesses paid by cowherds, see § 1151. The help given by the tenant in ploughing the landlord's lands is that to the north and the west generally. To the east it is Efter harihar, हरिहरा harihara, and हरीहरी harihari. Local names are चँगाहा sangāha in North-East Tirhut, ETS harāi in Shahabad and South-West Tirhut. and ETE harahi in Patna and Gaya. The presents given to the land. lord when he visits the village are चलामी salāmi or (in Shahabad नज-राना najrāna. His fee when a house is built or sold is चौड chauth generally north of the Ganges, and also in East Tirhut To Telegiar chauth. In towns in Patna and South Munger it is चौथेया chauthaiva. and elsewhere simply सनामी salāmi. He collects cesses in the nature of a ground-rent from the resident artisans and traders in the village. These are called मोतर्पा motarpha or मौतहर्पा motharpha generally. को दियारी kothiyari in Champaran and Tirhut generally, and वसदी basurhi in East Tirbut. South of the Ganges they are दुअझी duanni, or (to the east) अब आव abuāb. In Patna and Gaya the former name represents a cess in the following description. 15 mans of grain, or thereabouts (according to village custom) is assumed (when rent is paid in kind) as the produce of one bigha. For each bigha (or 15 mans) thus calculated of the tenant's share of the crop, the landlord takes a cess of 2 ands. In the case of lands paying cash rates, the cess is levied at from 2 anas to 9 pice on each bigha of land held by the tenant UNT pur is a fee of one rupee per loom paid by weavers. In South Munger TITI charsa is a cess paid by tanners. In North-East Tirhut केळाली keāli or किळाली kiyāli (also बरहाना bardāna in Patna) is (or was) a transit-duty levied on cartmen for every load of grain they took. Sometimes it was levied at every place where they halted for the night. In the same tract the same name is also used for a tax levied on grain-sellers' weights. is called कीडी kauri in the north-west, and मिलकाइ चुटकी malikar chutki in South-East Tirhut. In Shahabad it is aut bayar. In Gaya it is किराया kirāya, and the corn paid is माँगनी māngni. In the southeast तद्ववारी tahabjāri or तववारी tabjāri is a similar tax levied on shopkeepers.

1202. Rents are generally calculated in the old sicca rupee of Akbar, which are converted into current coin by adding exchange rates,

called बहा माज batta māl and बहा बन्दा batta kampani. The batta māl is added direct to the rent in sicca rupees, and denotes the exchange rate between them and the Murshidabadi coin introduced in the year 1773. In 1835 the introduction of the Company's rupee, $l_{\frac{1}{15}}$ of which equalled $\frac{15}{16}$ of the Murshidabadi rupee, led to the imposition of a further rate of exchange, called batta kampani, which is calculated on and added to the rent calculated in siccā rupees plus the batta māl. Each of these rates of exchange is generally less than one anna per rupee.

1203. Dues given for religious purposes.—The first fruits given to Brahmans are विस्न पिरित bisun pirit, and also (north of the Ganges) विस् न अन्य bisun ans. To the west they are आ मैं के angañuñ or अभौजा angauñañ. On the other hand first fruits set apart for house-gods (भूमि गनेस bhāmi ganes) or penates are अभी agaun, or (in Shahabad) खानर agbar, and (in Champaran) रस आह rasuar. In South Munger three small heaps (बुद्दी kuddi) are put aside on the threshing-floor. One is given to the Brahmans, and is called fage fufta bisun pirit; the second is given to the Heet mushar of the village, who is known as देहरी dehuri, and is called सहार sahār; and the third, called आगा agaun, is set apart for the house-gods, and is consumed by the cultivator himself. In South-West Shahabad a small heap of grain is put aside for the village god (दिस्वार dihwar). This is given to the village milkman (मोन्सार goar), who performs the worship of the god, and it is called पिठार pithar. In South Munger वहरेया bahraiya, and generally बेहरी behri or बहरिया bahariya (all of which mean simply a subscription), are names for the subscription for the expenses of village worship and दिस्यम dahiak is a similar cess of 11, and सन्धा sawaiya of 11 seers per maund. The grain set aside for beggars (watt phakir) are known as Har bhichchha or Ala bhikh amongst Hindus, and taal rasuli or फ्लिस्न्र phakirana amongst Musalmans. The खिन अन्ध sib ans is the portion set aside for religious mendicants (सन्यासी sanyāss).

1204. Miscellaneous.—utfal puraunta is the fee paid by the members of a marriage procession to any person who does any work for them. In North-West Shahabad 10 sers per plough are taken each by the washerman (and dhobi) and the blacksmith (and lohār). This is called and jaura. In the same place was kharwan is an armful of crop given to each of the following:—the blacksmith, the carpenter (and barhi), the barber (and nava), and the washerman; and the art kera is a smaller bundle of crop given to each of the same four.

Again पुरी puri is three handfuls of crop given to the same four. In West Tirhut a similar cess is called पास पसरो pāl paseri.

1205. In Shahabad, and also in South Bhagalpur, 47 ban is an allowance of one maund in twenty-one or twenty-five of crop given to the agricultural labourer. In South-West Shahabad the cowherd receives a certain share of the milk of the cows he grazes, which is called बारा bāra. In South Munger this is परीधा paraundha, and in South Bhagalpur परोद्यो parodho. Similarly अठवारा athwara (i.e. paid every eighth day) in Saran, पार par in North Tirhut, भाँज hhāni in West Tirhut, and पारा pāra or इडिया duhiya in South Tirhut, is the milk given to the milkman as a fee for milking cows. चरवाडी charwāhi is a fee paid to the herdsman for herding. It is also चराइ charāi in Shahabad. सलामी salāmi or कमरखोलाइ kamarkholāi is the term applied to the presents made to or demanded by a police-officer or Government peon on entering a village, and the same terms are also applied to the presents made by the local police to the menial servants of magistrates and other high Government officials when in camp in their own district. In West Tirhut they are also called इनाम inam.

DIVISION IX.

LAND TENURES.

CHAPTER I.—TENURES.

1206. The descriptions contained in this division do not pretend to be legal definitions of the tenures referred to. On the contrary, they are only to be taken as giving the popular ideas (always more or less indefinite) current among the villagers as to the nature of the tenures.

Land tenures may be divided into-

- (1) Proprietary tenures.
- (2) Tenures intermediate between proprietary and cultivating ones.
- (3) Cultivating tenures.

CHAPTER II.—PROPRIETARY TENURES.

1207. (1) Revenue.paying tenures.—There are known every where as जिसिदारी jimidari. A very large landlord is, however, called a तालुकाहार tālukādār, and his tenure तालुकाहारी tālukādāri. This is the popular distinction in Bihar between the two names. Both tenures can be held in common and can be divided. When, in popular phraseology it is wished to name a tenure which cannot le held in severalty, but is owned by one heir, the other heirs being given villages or pargana, on which to subsist, it is called a राज raj. In a जिमिदारी jimidare (or वाजकादारी tālukādāri) tenure the whole land is held and managed in common. The property itself is called जिमिदारी jimidari, or मिल्लियत milkivat if it is small, and atgat tāluka if it is large. The rents with all other profits from the estate are thrown into a common stock. and after making the deductions to be noted further on the balance is divided among the proprietors according to a fixed law or share The deductions are the Government revenue and other expenses. The Government revenue is generally मालगुजारी mālgujāri or मजानारी malgujāri, also जाट lat and रोज rol in Tirhut and to the east, and Galat khajana in North-East Tirhut. In Patna

and Gaya it is also known as काउटी kalatri. The other expenses are known as गाउँ खरच gain kharch generally, also गाँव के खरच gānw ke kharch or गाँची खरच gawainyān kharch in Tirhut. In South-West Tirhut they are also चालीना खरच sālina kharch. In Gaya (and East Tirhut optionally) they are देही खरच dehi kharch, in Patna एखरानात ekhrājāt, and in South Munger गाँची खरचा garhi kharcha. In South Bhagalpur they are बन्हखरचा bank-kharcha, which properly means embankment expenses.

- 1208. A landlord is जिमिहार jimidār or माजिक mālik; also sometimes सरकार sarkār. Local names are गाँव के टाकुर gañw ke thākur in South-West Shahabad, and गोँजाँ gauñāñ generally in that district. When the tenure is held in joint property, the shareholders are called दिस्स हार hissedār, &c., see § 1214. The Government revenue is paid in by one of the body, called जमरहार lamardār in Sāran and मोखतार mokhtār in Tirhut and Patna. In Shahabad he is जान्दरार lambardār. He is also known generally as तहस्मिहार tahsildār, जारपाहान kārpardāj, or मोखित्यार mokhtiyār. In North-East Tirhut he is also known as तिपहार tipdār. The inferior proprietors are known as खरहिंदा माजिक khurdiha mālik north of Ganges, while south of the Ganges they are खरहिया माजिक khurdiya mālik. In Patna they are known as जनवी हिस्स हार jujwi hissedār.
- 1209. (2) Free grants,—These are known generally as বিধিন birit, and the holder as বিধিনিছা biritiha or বিধিন্থ biritdār. These are general terms, and amongst them may be mentioned the following:—
 - (a) Granted for religious purposes.—These are known generally as सङ्घल्प sankalp, and are of different varieties such as बरमीतर barmotar, for the worship of Brahma विमान भीत bishun prīt or विमान अरपन bishun arpan, for the worship of Vishnu; स्विशेतर sibotar, for the worship of Siva; किमान अरपन kishan arpan, for the worship of Krishna, and so on.
 - (b) নামাৰ jāgār, নাজৰান lākhrāj (rent free) or revenue free নামা māphi, নিনই minhai (at reduced rent), or জিলন khillat. These are properly grants for war-like services. They are also (especially নামাৰ jāgār) applied to the free grants of land for services made to the potter (ক্ৰান্তাৰ kumhār), watchman (মাইন gorait), and other village servants.

- (c) A grant given to the family of a man killed in the Raja's service in open fight. This is HEEZ marwat in the west and HEEZ marauti to the east.
- (d) A বিহিন birit may be either acquired by purchase, when it is known as ভাবেনী kharidgi, or it may be given by favour, when it is called হন্দ inām or হন্দান ināmāt Local names in such a case are ভাবেন kharrāt in Shahabad, and ভ্ৰম্বন khusbakat in South Bhagalpur.
- (e) ভৌহিম khorish or মান্ত্ৰী mokri (north of the Ganges), also ঘালন pālak (Sāran), other local names being ভৌহানা) khorāki or ঘ্ৰেমনী parwasti (South-East Tirhut and ভাৰহাৰ khandan (North-East Tirhut). This is an assignment by a rāja to a younger son or brother of a certain number of villages in the estate for subsistence for himself and his descendants for ever. On failure of descendants the grant reverts to the parent estate. This occurs in the cases of a rāj which cannot be divided.

CHAPTER III—INTERMEDIATE TENURE.

- 1210. The principal intermediate tenure is that known as डीकेदारी thikedāri, in which the holder (डोकेदार thikedār) contracts to hold the property at a fixed rental either for a certain term of years or until a sum of money (जर समन jar saman) advanced on usufructuary mortgage is repaid. In the former case it is also called खमती डोका khuski thika, and in the latter पतीतन patautan in Shahabad, पटौंचा patauñān in the North-West and Tirhut, and generally सघीचा पटौंचा sadhāua pataua. A mortgage lease is द्वारा ijāra or जर पेसगी डोका jar peshgi thīka. See § 1482.
 - 1211. Among other intermediate tenures may be noticed the unit pathi tenures, which form the subject of special laws. They may be briefly described as estates created by a landlord by separating a portion of his estate and letting it in perpetuity at a fixed rent. Subdivisions of these tenures let on the same principle are called Eunin darpathi, and these last are sometimes again allotted into smaller portions, called eluant sipathi. The holder of pathi lands is called a united pathidar

- 1212. A tenure which may be either intermediate or cultivating, and which may be noticed here, is মান্ত্ৰা mokarari, or tenure in perpetuity at a fixed rent. In some parts of the country these are also popularly known as বিনমা sikmi tenures, which usually mean under-tenures held by a cultivating raiyat.
- 1213. In Champāran सिनाभी sikmi tenures are described as dependent proprietory taluks paying land revenue through the landlord who is responsible for it, and not into the Government Treasury direct. Concerning सिनाभो sikmi rents in Gaya see §§ 1225, 1226.

CHAPTER IV.-SHARES AND SHARERS.

1214. A share in a village is few hissa and also (in Tirhut and the west) aget bakhra. The subdivision of a village held by a proprietary body is known as पही patti or तखता takhta, also धोन thok north of the Ganges and wite phat in Gaya. A shareholder is हिसा दार hissedar or सरिवदार sarikdar; also वखरदार bakhardar to the west, परिसार patidar in Tirbut. The proprietor of a half share is called अधिया adhiya north of the Ganges, and आधेंआध ādheādh in South-West Shahabad. The inferior shareholders are called Test khurdiha. &c., as described in Chapter II. पर दी patti is also used to mean the principal share in a village, which may several सिक्सी sikmi or subordinate shares. The shares of a brotherhood are Hate bhaibant generally, or in Patna and South Munger भेया बाँट bhaiya bant. In the west they are also भेवध bhaiwadh. A father's share is quest bapans, also quest baphans in Saran, aufel bapauti in North-East Tirhut, and ael jaddi in West Tirbut. An elder brother's share (which according to popular belief was larger than the share of the younger brothers before the institution of the English law-courts) is 5.394 jethans, also 5.354 jeihhane in Saran, and in North-East Tirhut wella (not wells) jethauti. The Government revenue is माजगुजारी mālgujāri, &c., as described in Chapter II. The half-yearly instalment is known as अधार adhkhar or अधनार adhkar north of the Ganges, also as अटिनिया athaniya or अटनी athanni generally. In South Bhagalpur it is अधकड face adhkar kist. The distribution of the revenue over the sharers in villages held by a brotherhood is in South-West Shahabad Ht bher. Elsewhere a periphrasis is used, such as facel utaget hissa patidari.

A proprietor by purchase is खरिहार hharidar, and also (north of the Ganges) बेरार baidar.

CHAPTER V. ~CULTIVATING TENURES.

- 1215. A cultivator is known as अवामी asāmi, रेयत raiyat परचा parja, or कास्तकार kāstkār. In Patna he is also पोते सार potedar. A tenant with rights of occupancy is मोरची maurusi (literally, hereditary) or करोमी kadimi (ancient), also देही dehi (resident) in Patna and Gaya, and जररो jaddi (ancestral) in Shahabad. A tenant at fixed rates is स्वामरारो istamrāri, but this distinction is little observed. Hardly any cultivators, and very few landlords, know the difference between a tenant at fixed rates and one with a right of occupancy. A cultivator without rights of occupancy is known as कर मोरची gair maurūsis also as पाही pāhi (literally, 'foreign' or 'non resident') in Patna and Gaya, and खरिस्को kharidgi (literally, acquiring by purchase) in Shahabad. In North-East Tirhut he is हाल उपार्शकत hāl upārjit (newly created). These names are interesting as showing what cultivators themselves consider to constitute a non-occupancy tenant.
- there is a class of tenants called usualitic gudashtādār or usualitic gudastādār. They are generally Rajpūts and Brahmans whose ancestors conquered the country, and who, while serving under the landlords, for whom they were always ready to fight, were considered entitled to a privileged position. A usual gudashta or usual gudasta tenure is held at a rent fixed for ever, and is alienable without the consent of the landlord. It is, in fact, a freehold subject to a rent charge. The helders seldom sublet, and are a body of peasant proprietors, very prosperous as compared with other tenants, and furnishing thousands of recruits to the army. Another similar tenure is known as alter gora. In this the rent is fixed for ever in a holding with specified boundaries, without reference to the quantity of land. The rent is not variable even if the land be found to be more or less than the quantity roughly estimated at the original settlement. It is alienable without consent of the landlord.
- 1217. In some estates there is a kind of head tenant, who acts as an intermediary between the proprietor and the cultivator. He collects the rent and receives in return some petty privileges and immunities. He is known generally as HEAT mahton, and in

This point of fixed rents is denied by some landlords.

Patna and Gaya as মহুৱী আছা mahtoāra. In Sāran he is also known as दिपदार tipdar, in North-East Tirhut as मोकदम mokadam, and in South Bhagalpur मॅड्र mañrar. Generally, however, the head tenant is called जंडरेयत jethraiyat, and he usually performs the above duties. The high-caste cultivators are known as setty asrāph, local names being सर्पार surpha in Patna, सुर्पान surphān in Gaya, and बड अदमी bar admi north of the Ganges. In South Bhagalpur, the quarter of the village where such live is called again babutola. The remission of rent for such high-class tenants is HIT maphi generally north of the Ganges, also weel chhutti or and kamsare in East Tirbut. In South-West Shahabad and Gaya and South Munger it is रेआएत reaet, in the rest of Shahabad मरीअतो marauati. in Patna कसी kami, इनाम inam, or इलाम ilam, and in South Bhagalpur माप maph. The low-caste tenants are known as राष्ट्र जाति rar jati, नीच nich, or छोट जोग chhot log. They are also known as रजीन rajīl in South-West Shababad, कमीना kamina in the rest of that district, राड् भोड् rār bhor in South Bhagalpur, बोलकं इ solkanh in Tirhut, and रैयान raiyan in Gaya. A proverb about them is-

कारण किकू वेलें देलें वरहमन खियौलें। घान पान पनियोलें छी राष्ट्र जाति स्तियोलें॥

Kāeth kichhu lelen delen, Barahman khiyaulen.
Dhān pān paniyaulen, au rār jāti latiyaulen.

—A Kayasth does what you want on payment, a Brahman on being fed, paddy and betel on being watered, but a low-caste man on being kicked.

1218. Cultivators may also be divided into resident and non-resident. The resident cultivator is ह्यारबन्द chaparband, also दिल्लो dihi in North-East Tirhut, देही dehi in Patna and Gaya, and बारोबन्स bart bast in the south-east. A non-resident cultivator is पाही कास pāhi kāst or पाही pāhi (foreign), a word frequently confounded with पाई pāi (literally, a foot; hence used to mean an under-tenant). The word पाई pāī has almost fallen out of use now, but it is still understood, and has led to much confusion in laws and treatises on the rent-law, rendering it possible that the rights and liabilities of the under-tenant have been transferred to the non-resident cultivator. In South Bhagalpur the non-resident cultivator is known as पहार paihār. The दोहर dohat or दोहरा dohta cultivator differs from the पाही pāhi cultivator in that he keeps up two establishments and cultivates in two different villages, while the upāhi cultivator does so only in one.

1219. Below the ordinary cultivator there is sometimes an under-tenant, who is known as चिन्नमी sikmi or मुख्येनी kurthauli, also as पेटाबाना petāwāla in the north-west and कोलिएती अवामी koliaiti asāmi in East Tirhut. It is said that to the south-east in the case of a मुख्येनी kurthauli tenure the rent of the under-tenant is fixed at a money rate, but is paid in grain at the market rate of the grain at the time of payment. Elsewhere the rent of under-tenures is generally paid in kind.

CHAPTER VI.—RENTS.

- 1220. Rent is जारा lagān. North of the Ganges and in South-East Bihar it is also पोता pota, with an optional variant पोत pot in South-East Tirhut; another name current north of the Ganges is मजाजारी malgujāri. Rent rates are दर dar, बरे sare, or बर्ड sarah; also इरबन्दी darbandi or बर्डबन्दी sarahbandi. चुकीचा chukaua north of the Ganges is rent payable at a fixed rate.
- 1221. Rent paid in cash is known as माल māl, and that paid in kind as राज ain. When rents are paid in cash, the tenure is known as नारो nagdi, and also in East Tirhut as खाप khāp. When paid in kind, it is known as मनखप mankhap or भावती bhāoli. In मनखप mankhap or भावती manthīka, ह्यारा hunda or भावती munhunda, the rent is a fixed quantity of grain paid as rent, irrespective of the proportion it bears to the whole crop. This custom is current principally in Tirhut and Champāran. In Patna it is called मनी बल्लावा mani bandobast, and a variety in which a certain number of maunds of cleaned rice per bight is taken as rent is known as बोराबा chaurāha. These tenures are principally adopted by landlords when letting their चिराल jirāt or home-farm lands. In भावती bhāoli a certain fixed proportion of the whole crop is taken by the landlord. This division is called बटाइ batār, &c., and a full description will be found in §§ 902 and ff.
 - 1222. A tenure which has been noted in Patna is the that hastbūdī, derived from the Persian hast, 'is,' and būd, 'was,' and which means literally 'the-is-and-the-was tenure.' In this the rate of rent is fixed at so much per bigha, but rent is only charged for so much area as is actually bearing crops at the time of harvest. Thus, suppose a piece of land measuring one bigha is cultivated, but for some reason

(such as inundation, destruction by insects, &c.) the area of land actually under crops when ready for harvest is found to be 16 kathas, then the rent of four kathas is remitted and the rent for 16 kathas only is demanded. It thus closely resembles the utbandi tenure of Bengal. Compare § 1229.

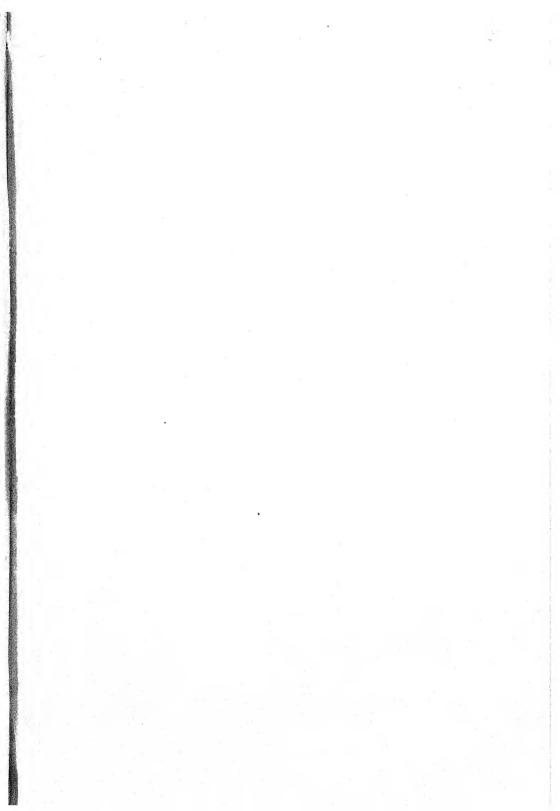
- 1223. The stant hāl hāsilī tenures also exist in Patna and Gaya. In these the cash rent is determined on the spot after inspection of the existing crops on the land. In Gaya the landlord contracts with a thīkadār for a fixed sum in cash in exchange for the landlord's share of the produce of a bhāoli village. The amount is fixed anew, and there is a new Thīkedār, for every crop. A very similar tenure is known as anaz balkat. In this the landlord's men, accompanied by the tenant, inspect the crops when ready for harvest, and fix a cash rent by estimating roughly the quantity of produce and its value.
- 1224. A peculiar tenure, which is principally adopted in lands which are generally subject to inundation, is known as site jaidādi. It is also adopted where the land is extremely bad and the prospect of a crop is uncertain. The principle is that the full rent agreed upon is paid on the land in any year in which any crops whatever (however small) is grown upon it. In any year in which no crop is produced upon it, no rent is paid.
- 1225. The tenures* and rent system in the district of Gaya are worth noting. Four-fifths of the cultivated lands are let on the भावती bhāoli system, as has been described in sections 902 and following. In the lands held on the बाही nagdi system the rent conditions are somewhat peculiar. The nagdi tenure is of two descriptions,—चिन्नमी sikmi or चिन्नमी shikmi, and चिन्नट chikath or चन्नट chakath.
- 1226. A furth shikmi tenure is described by Babu Bhup Sen Singh as that under which the landlord has not any power of enhancement, irrespective of the period for which the tenant might have been in possession. The money-rent is not fixed upon the land, but upon the crops actually grown, varying with the nature of the soil and the class of tenants, whether, high caste (Runa surphan) or low caste (Runa raiyan), the former having a

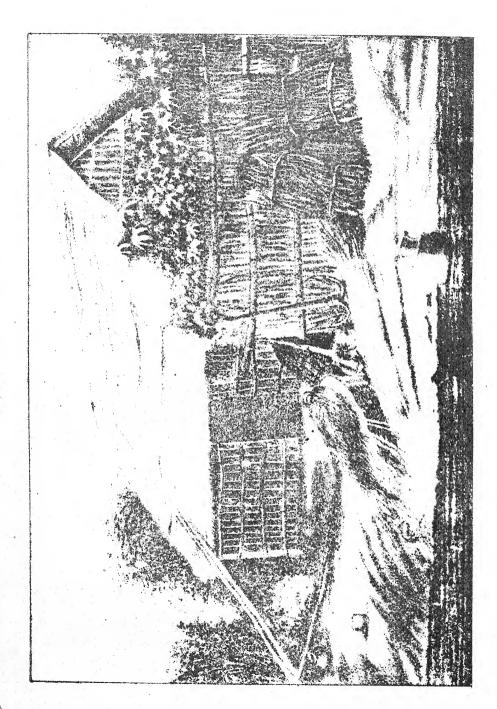
^{*}Concerning the tenures in Gaya, I have to acknowledge my indebtedness to an admirable note prepared by Babu Bhup Sen Singh, Government Pleader of that district.

lower rate to pay than the latter. The lands generally under this tenure are the ভিছাঁৰ dihans lands, or the best land lying on the borders of the inhabited portion of the village (see § 781), and the crop grown thereon pays a higher money rent than the same crops grown on fields more distant from the village site. The same shikmi field also pays a rent varying with the crop. Thus if a Brahman tenant planted it with opium poppy in one year and with an ordinary spring crop next year, he would pay a higher rate of rent the first year than the second: while a low-caste tenant would have to pay for both of them a higher rent than the Brahman. Every tenant in a village has a fixed quantity of shikmi land partly at the higher and partly at the lower crop rate. If the tenant grows opium poppy upon a bhāo li and not a shikmi field he pays for one harvest bhāoli rent, and is liable also to pay nagdi rent for the poppy at the rate fixed in the village for the particular class of tenants to which he belongs for poppy grown under such circumstances. According, however, to other authorities the rate of rent of these shikmi tenures is unalterable, but an extra rate or cess of so much per bigha is put on when special crops, such as opium or sugar-cane, are grown, and is taken off again when these special crops cease to be grown. Compare § 1231.

- 1227. The tras chikath or tras chakath tenure is, according to Bābu Bhūp Sen Singh, a temporary settlement of waste or uncultivated but culturable lands for limited terms of years, at nominal rents, for the purpose of reclaiming them or bringing them under cultivation. This tenure is governed by the terms of the contract between the parties. If one term be not sufficient to render the lands fit for proper cultivation, the settlement is renewed from time to time till they become capable of yielding full crops. They are then settled as bhāoli or shikmi lands, according to their quality. In chikuth lands no right of occupancy accrues by custom, and the rent is capable of enhancement on the expiry of the term of the settlement.
- 1228. According to Babu Bhūp Sen Singh when a summer or Figure jethua crop is grown on bhāoti land, an additional rate of 20 annas per bigha is charged as rent, the local bigha equalling 21 Bengal bighas.
- 1229. In South-West Shahabad, when in rice lands, the tenant pays only for the land under rice, and not for any land which may be fallow, the phrase उसी पासे uthti parti is used. Compare § 1222.

- 1230. A remission of rent on account of deficient produce is भाष māph north of the Ganges, and also ছुटती chhutti in East Tirhut. South of the Ganges it is नाब इ nābūd, or, when made on account of inundation, गरकी garki.
- 1231. Special crops, such as tobacco or poppy, on which special extra money rents are assessed, are known as जनही jabdi or जपती japti. Cf. § 1226.
- 1232. Of the spontaneous produce of a village, বৰ্ন bankar is the produce from forest land, wood, gums, &c. In Shahabad it is also called বৰ ছিন্দালী ban chhioli. অলল jalkar is the produce derived from lakes, streams, &c.; and মলন phalkar is the produce of fruit. বিশাব নাই sikār māhi to the west is fishing rights.
- 1233. Fields situated in one village and included in the area of, and belonging to the proprietors of another village, are called নাবৰ motalke, or (in North-East Tirhut) বাৰুষা tāluka.





The house of a well to-do cuttingfor on the banks of the Ganges in Patna,

DIVISION X.

THE NATIVE HOUSE.

CHAPTER I.—THE NATIVE HOUSE.

1234. A house is मदान makan or चर ghar. Local variants of the latter are गिरही girhi in Gaya and Saran, चौर ghaur in South-East Tirbut, घरा ghara in South Munger, and ग्रिही grihi, घरा ghara, or घरी gharo in South Bhagalpur. A name current in Shahabad is auch bakhri An enclosure containing several houses is north of the Ganges ছব জী haweli or इवेलो habeli, and south of it ছाता hata. South of the Ganges and in Saran इवे जो haweli or इवेजो habeli generally means the femsle apartments. A palace is घौरहर dhaurahar or धरहर dharhar, as in the proverb स्ती खड़ तर, सपनाद धरहर suti khar tar sapanai dharhar,he sleeps on grass and dreams of palaces. A hut is भौपदा jhompra or भौंपड़ी jhompri, खोंप khomp, खोंपड़ा khompra, खोंपड़ी khompri, or प्लानी palani, नटी kūti or ज़ही kutti is the hut of a religious mendicant (प्रमाद phakir). Other names used north of the Ganges are मठ math generally, and मंडिया mathiya to the west, अस्थल asthal to the north-east, and जाह jagah or अखरहा akhraha to the south-east मरे marai, मेंड्ड mañraī, or मर्ड maraī, is a grass hut, and मांडी mānro. &c., (see section 1307) is the hut in which a marriage ceremony is conducted. A little hovel or hut is north of the Ganges मोदिया gohiya. South of the Ganges it is in Patna and Gaya मह का maruka or 2 kurha, in Shahabad टाटी tati or बरही घर barhaughar, and in Bhagalpur ciai dhāko or मोरका morka. सिरको sirki is a be बर में made of reeds, as in the proverb सिर्भी एक देवन्ति क्र पगदा sirki आर्ष पानि, सिरकी उठाव के रहत ना बेरा, आगू नाथ sahāl na bera, agu ek delanhi tāni, tāhi ber mān ael pāni, sirki uthānd it began to rain, nor nāth na pāchhu pagha,—he pitched his how ras (like an ass) without could be get an opportunity for striking it was (like an ass) without nose-ring or tether. A ruined house or enclosure is et dih or with khañrhar. A hut in the forest is north of the Ganges पान्ता pājha, and south of it **चश्र घर** chanchar ghar in Gaya, चाँचवला घर chānchwāla ghar in South Bhagalpur टटघर tatghar in South Munger, and मा हो markhi in South Bhagalpur

- 1235. Straw huts used by the poor are ट्टोबर tataughar north of the Ganges, and कान्द्रो पोस kāhi pos south of it. In Shahabad they are also called दोचरा dochra, and in South Bhagalpur खरो वर kharo ghar. They are also very generally known as पूच के वर phūs ke ghar over the whole Bihar tract. A masonry house is पका pakka or पोखता pokhta. When built of stone it is colled in Shahabad पदिनो chāndni. When built partly of bricks and partly of mud, it is कचा पका kachcha pakka or कचा पका kancha pakka. In Shahabad it is, however, कचा kancha or कचा पका kāncha. A house built entirely of mud is कचा kachcha; it is also to the west खाम khām, and to the east भीत चर bhīt ghar.
- 1236. When a house has three openings, it is तिनद्रा tindara or सद्रा sedra; with twelve openings, it is बाद्री bardari or बाह्री barahdari. But these terms are not much used except south of the Ganges, from and including Patna westwards. A house provided with lattices is बालदार jāldār or बालोदार jālādar. A house with nine apartments is in Patna and Shahabad नीरतन nauratan. Rooms in a native house are generally nine cubits long by five cubits wide. Such rooms are called नीयद्यम nanpancham. बासा bāsa or देश dera is a dwelling or lodging-house, and खिल्लवत khilwat a house used as a private chapel by Musalmans.

CHAPTER II.—PARTS OF A HOUSE.

1237. The courtyard.—This is छाँगन angan, अंगने angani, or rincipally in Patna and Gaya) अंगना angan; also in South Munger आवा engana. In South-East Tirhut it is also called देश dera. The आग्रानी front of a house is अग्राचार aguār or अग्राचारा aguāra; also पिक्कार pichhuā in Shahabad, अग्राची āgutti in Patna and Sāran, and or to the west पक्कारा patna and the south-east. The space behind it is upathināra. It is pachhuār or (generally in the oblique cases) in Patna and Sāran, and पिक्कार पिक्कार पिक्कार पिक्कार प्रकार pichhuāti.

1238. The vestibule or oute. or entrance room.—This is दशार

and दुशारी duhāri or दुर्जाखा duariya in Patna and Gaya. Another name current in Patna and the east is इ हा dehari.

- 1239. The inner entrance room.—This is the room in which the men of the family sit and meet outsiders. It is called इलान dalān. It is also named होग्रह dogāh in South-West Shahabad and दरीखा darokha north of the Ganges. In Patna होगाइ dogāh means a cattle shed. In North-West Bihar इमुँहां dumunhān is a somewhat similar room, but opening both to the outer world and to the inner apartments. A sitting-room generally is ने उसा baithka.
- 1240. The upper storey.—This is কীতা kotha, or in the south west মহনুষ্ট patahuāñ.
- 1241. The under-ground storey.—This is বজাৰা takhāna or বছঝাৰা takhāna. Other optional names are মুলব্য bhunjabra or বছয়ে tarahra in Patna, Gaya, and the south-east.
- 1242. The veranda.—This is ओसारा osāra or ओसरा osra, with variants ओसारी osāri in South-West Shahabad, उसरा usra in Gaya and ओसरी osro in South Bhagalpur. It is also called साएवान sāðbān, and in Shahabad ঢावा dhāba.
- 1243. The sitting-platform.—This is चौतरा chautra generally Other optional names are चनुतरा chabutra and पिणडा pinda in Patna—and the south-east, and चौटा ota, in Patna, Gaya, and Saran.
 - 1244. The roof.—The roof or ceiling is छत chhat. It is also छात chhāt south of the Ganges, छता chhatta in Gaya, and छाता chhāta in South Bhagalpur. A thatched roof is छाउनि chhāuni, छोने chauni, छाउ chhānh, छाउँ chhānhi, or छाउँ chanhiya in North-West and South Bihār. It is also generally छापर chhappar, with an optional variant छपरो chhapri in the south-west Another name current in Tirhut is चार chār. If it is a simple thatch without tiles, it is specially called उत्तर thāt. A thatcher is घरामी व arāmi or छोनिहार chhaunihār north of the Ganges, and his work is छाउनि chhāüni. In Patna and Gaya he is स्विहार sutihār, and to the south-east घर छिर्चा ghar chhariya.
 - 1245. When a thatch is only a "lean-to" on one wall it is known as एकप्राच्या ekpaliya to the west. In Tithut it is एकप्राचे ekchāri, and to the south-west एकचारा ekchhāra. In Patna, Gaya, and (optionally) the south-west it is एकछ्परा ekchhapra. If it rests on both walls with a ridge pole in the middle, it is दोपांच्या dopaliya to the west and दोचारा dochāra in Champāran and to the east. In Patna

it is মনানী palāni, and in Gaya and (optionally) South Munger ইছিম্যা dochhapra. In Shahabad another name current is ইনিয়া dochra. A reof comp sed of four traingular thatches meeting in a point at the top is called বামা chaupār. When there are more than one thatch in a roof, each thatch is called দ্বানা pharka or মনা palla. Also in the case of two thatches the front one is called north of the Ganges সমূব ক হাত agūt ke thāt, and the rear one uছল ক হাত pachhāt ke thāt. The thatching along the ridge is কাৰ্নী kochāni, or in Gaya বামা doga. A small thatch put on the top of a wall to save it from rain is uহছনী parchhatti or ভ্যাহ্নী uparchhatti north of the Ganges, and south of it uহছনী parchhatti (with a soft t). Other local names are ছানা chhauni (North-East Tirhut), ছ্যাই chhapri (Tirhut generally), and पनस्ती panchhatti in Patna.

- 1246. To rethatch a roof is छोत्व otab or नौडट करव nauthat karab. The yearly repairs to a tiled roof are फ्रोंडो pheraunti in the south-west, and elsewhere खपरा फेरव khapra pherab. The grass put on a roof to make it water-tight is फटकन phatkan in Sāran, छावन chhāban in Champāran, and छोनो chhauni or तरेरा tarera in Patna, Gaya, and the southwest. In Tirhut it is छरन chharan, and in the south-east छारन chhāran. Mud used for the same purpose is फिलावा gilāwa. The repairs to a tiled roof which leaks are चूळाना मारव chūana mārab in South-West Shahabad, टोइया toiya in the rest of that district, टिपकारी tipkāri in Gaya, and टपका मारव tapka mārab in Patna.
- 1247. The fireplace .- This is total chalha generally, local variants being चुन्ह chulha in Shahabad, चुन्ही chulhi in South-East Tirhut, and ৰুভা chhūlho in South Bhagalpur. In East Tirhut ৰুভছ chūlh is a fireplace with two crifices, and ATTET kaulha one with one. In South-West Tirhut this last is called एकौरहा ekaulha. The mouth of the fireplace is called सुँह munh, or sometimes दुआर duar south of the Ganges. In North-East Tirbut father chinmar is the raised earth platform on which the fireplace is made, and on which food is cooked. while That chauka is the similar platform smoothed for a Hindu to eat from. थोना thauna to the west is a raised platform on either side of the fireplace for receiving post for straining off rice-water. When the ground is simply smoothed for eating from, it is called set thahar, or in East Tirbut दाँव thanw. आश or आइ। ara is a cupboard in the wall at a man's height from the ground, in which cooking-pots are placed at night. The borsi is the moveable fireplace used by jewellers and by illagers (especially females) to warm themselves in winter. In North-

East Tirbut it is also boras. Exphur is a hole dug in the ground filled with straw and sweepings and lighted in the evening as a fire to warm oneself at. It is also called ant or any krur in the west.* The iron or earthen moveable fireplace is Angaithi. A similar one used by jewellers is Angaitha. An earthen pot for holding fire is in Gaya Heur matpar, and in Shahabad Herr mentahar or ungler paura.

- 1248. The holes on the top of the fireplace, on which the pots are placed, are called खाँ का ānchhi or खाँ ख्या anchhiya; also in South-West Shahabad ऐसा aila. They are also called द्वां बार chulhiya in East Tirhut. When there are places for four pots, it is known as a चर दिया चुड़ा charanchhia chūlha, or in South-West Shahabad as a चर हा चुड़ा charanla chulha. The partitions between the holes are पूता pūta, पुता putta, or पुत्तो putti. Also पुत्तो pusti in South-East Tirhut, and पुत्तिया putiya in South Munger. The cooking-house is amongst Musalmans चर्चोखाना babarchi khāna; amongst Hindus it is रचोद्या चर rasoiya ghar; also सनसा चर bhansa ghar in Patna and the east. In East Tirhut it is सानस चर bhānas ghar. The portion of the cooking-room set apart by a partition for cooking purposes only is called चुड़ानो chulhāni or चुड़ानो chuhāni, The other portion is known as मान्स चर mānih ghar in Saran and South-West Tirhut, as माँच घर manh ghar in Shahabad, and as खीनही khaunahi in North-East Tirhut.
- 1249. The door.—A doorway is इग्रार duār, होग्रार doār, हुग्रारी duarī, हरवाजा, darwāja, हरवजा darwojia or (in Patna, Gaya, and the south-east) हरीजा darauja. A door is क्वाड़ो keñwāri, or in East Tirhut केवाड़ kewār, क्वाड़ो keñwāñri, क्वाड़ keñwāñr. The main doorway is वहर हरवाजा sadar darwāja; also जिल्लार niksār to the west, and जिलास nikās in East Tirhut. In South-East Bihār it is बम ख हरोजा samukh daroja. A gate is पाटक phātak. A side door or window with lattices is खिरको khirki; also हर को daranchi in Patna and Gaya भवारो bhawānri to the west and in West Tirhut, में भरा bhambhra in East Tirhut, and to the west हरी वे darinchi, is a hole pierced in a well to give light and air. In South Munger it is भगरा bhamra, and in South Bhagalpur भौरा bhoñra. In Patna and Gaya it is तावहान tābdan. में का mukka or भौका monka, and in Champaran ज धारो andhāri, is an earthen pot fixed in the wall for holding pice, &c. The leaves of the door are

^{*} Compare the proverb at atta, at gate ghar jarainhi ghur butaw,—when his house is on fire he puts out the ghur, i. e. in many difficulties he grapple with the least.

पদ্ধা palla, or in Shahabad पালা pāla, and the strip of wood nailed on one leaf to cover the chink is লগা beni or লগিয়া beniyān. In South Bhagalpur this latter is লগা bena. The cross-pieces across the leaf of the door to hold the boards composing it together are লগা bāta or লগা bātta. There are generally four of them.

1250. The door-frame is चौकड chaukath. The top bar or lintel of this is suiter uprautha or (in Tirhut) was chhât. The bottom bar or threshold is नतमरा latmara, जतमर्वा latmarwa, or नतस्वोरा latkhora Sometimes a second outer door-frame is added for the sake of ornament This is called साह sah or दसीही dasaurhi, and such a double doorframe is said to be दोहरा dohara or साह्याला sāhwāla or दशींदी चौकट dasaurhi chaukath. In contradistinction from this, the single doorway is साहा sāda or एकहरा ekahra. The pivot used as a hinge is चूर chūr or (in Patna चूल chul). In South-West Shahabad it is चूढ़ chūrh. A similar kind of hinge is in Gaya भागकीट jhankaut. The wooden bar used for fastening the door is किस्तो killi, and also (to the extreme west) आगर ögar, आगल āgal, or अगरी agri. In South-West Shah bad it is EUI danda. A short bar fastened by a pin to, and revol ing on, one leaf of the door, and falling on a nail fixed on the other leaf, is बिस्ती billi or विसेश bilaiya. The nail is called मनरी mukri. A European door bolt is क्टिक्नो chhitkani or क्टिक्नो chhitkini. The heavy door-bar sliding back into a recess in the wall is बेंड benr or बेंड्रा benra. South of the Ganges the टेंबो dhenki, or in Shahabad E at dhenka, and in the south-west of that district 3 at thekuri, is a perpendicular bar sliding down from a recess in the top of the door-frame. Teat gharka (in South Munger) is a kind of bolt. The door-lo k is ताला, talo and the key कुन्जी kunji, चाभी chābhi, or क्वोरीना chhorauna. The bolt of the lock is हरका harka or (in Shahabad भार jhar. In South Bhagalpur इस्का harka also means a piece of wood fastening the two door planks behind. When a screen or hurdle, which is दारी tati or दही tatti (to the west) उटर thatar, is used for a door the spar that supports it inside is a se benr or a si benra. In Tirhut it is also बेराडी ber āthi, बराडी barāthi, or (to the east) बेनाडी benāthi. In South-East Bihār it is ৰ ভাষো benrāthi or অভ্ৰভ arkhar, and in South-West Shahabad a att beñwra. The straw buffers tied along the two door-posts, against which the edges of the hurdle rest, are His mokh or HIGI mokha.

1251. The wall.—A wall is दिवार diwār or भीत bhīt. Sometimes the Hindi forms दीवाल dīwāl or देवाल dewāl are used. The foundations

are नेव neo, and also in Patna and the south-east दाना dāwa. The straw mixed with earth for building a mud wall is पाचर pāchar, or in Sāran कासन ālan. The lumps of damp mud used in building a wall are सौंदा londa or घाँचा dhondha in Patna, Gaya, and to the west. To the east they are गाँदो gondi; also चेपो chepi in Champaran, चन्नो chakki in East Tirhut: and लॉहो londi in South-East Tirhut. In South Tirhut another name is जोइया loiya, and in West Tirhut चेकी cheki. stages in which it is built are tel radda or tiel rada, and also optionally पींड् pinr in Saran. In Saran रहा ratda is the pice of the stage which being the width of the wall, is finished b fore commencing the next piece. The top of a wall is भीता bhīta north of the Ganges, and भीत bhit south of it; also माँच manth in South-West Tirhut, and मचनी mathni in East Tirhut. The plank over the top of a doorway on which the wall is built is भार्ति bharanth, भरेड bhareth, भरेड bharaith, or भार्नेड bharnath. In Gaya it is भागा bharna, and in Patna पटदेहल patdehal, of which a local variant in Saran is well a petdehar. To the east it is also भागकट jhankat. If this plank is not equal in width to the wall, two or more are laid side by side. Then the plank in which the top pivot of the leaf of the door moves is सरहानक gardānak, or in Champaran उपरौंटा upraunta, and the others are called His bhareth, An arched recess in the wall over this plank, and serving as a cupboard, is द्वींच duraundh or द्वींचा duraundha, or in East Tirlint कात chhāt. The gableend wall of a house is पाइर pākha, or in Shahabad पाख pākh. In North-East Tirhut, however, it is चनसार chanmār, and in Gaya and South-East Bihar क्नेटा kaneta.

1252. The eaves.—These are ओलती olli generally, also ओरी ori to the north and west. Another name current in the west is ओरि- यानी oriyāni. In Gaya and the south-east they are सारी agri, and there and in the south-east सोहारी ohari. The edge of the eave, which is finished off with a board or with a kind of long straw or reed wisp, is known as मोहचन muhabbat; also as पनींड्ड passaunrar in North-West Tirhut, पंसरींड pansrauñr in Champāran, and पनिवास paniāgār in North-East Tirhut. The last three words are also used to mean the long bamboo which supports the eave along its lower edge. The pieces of wood let into the wall to support this are द्वारा terua generally, and तड़न tarak in North East Tirhut. In Shahabad they are also called सबझा marua. The slope of the roof is तारन tāran to the west and माह garah to the east; also माहार garahgar in North-East Tirhut and सानार tarangar in Champaran. The raised ground under

- 1253. The cupboard.—This is বাজা tākha or वाख takh. A wall-bracket for lamps is दिखा diarakh or दिखा diarakh ; also देखर dekhar or देखरा dekhra in South-West Shahabad, घोरखा dhorkha in Patna and Gaya, and घरखा dharkha in Gaya and South Munger. In North-East Tirhut it is चक्का chakka, and in South-East Tirhut चिरक्ष्य chirakdan. In North-East Tirhut खरिकीचा kharikauta is a hole in the wall for keeping tooth-picks. In South-West Bihar and Gaya this is भुद्की bhurki or खर्कोटी kharkoti. मुक्का mukka, &c. (see § 1249), is an earthen pot fixed in the wall and used for holding pice, &c.
- 1254. The men's and women's quarters, &c.—The men's quarters are मरहाना mardāna, and also मरहानो mardāni. Other terms used are हजान dalān, हरनाना darwaja, or हरोना darauja, हुम्रार duār, and (south-east) नंगला bangla. The women's quarters are अन्द्रात andarāt, जनाना किता janānā kita, or हनेलो habeli. To the east they are also called हरा dera, and (in North-East Tirhut) अंगना angna. The part between the two is हे उटी deurhi or (south-west) हे उड़ी deurhi. This word is often used to signify a whole house, especially that of some great person, i.e., equivalent to 'palace.' The outer room is also वहर घरा bahar ghara or (South-East Tirhut) वन घरा ban ghara.

CHAPTER III.—MATERIALS USED IN THE CONSTRUCTION OF THE HOUSE.

- 1255. Building materials are अमना amla or साँगह sāngah, or to the south-east साँग sanga.
- 1256. The posts and beams.—The wooden pillars supporting the roof are खम्भा khambha, खम्भो khambhi, खम्भा khambhiya, or खम् द्विया khamhiya. Another name current to the west and in South Tirhut is ध्रम् हो thumhi or ध्रमहो thūmhīñ. In North-East Tirhut another name is उत्तर् uchwar. In South bhagalpur we find खम्हां khamhāñ, and in South Munger उम्हा khāmhi. Sometimes to support the ridge-pole a cross-beam runs across from well to wall, and on its centre stands a pillar, on the top of which the ridge-pole rests. This pillar is also supported by two struts running obliquely from the beam and meeting it half-way up. This beam is called धर्म dharan, the pillar is called मिनक्यम ह manikthamh or मिक ह- धम्म म malikthambh or (in Shahabad) also कोरी kauri, and the props are called धर्म कnakhi or in Champāran स्वया sipwa. When this is

each other just under the ridge-pole, which rests on their upper angle The siruts are called भितमेदा bhithbhera, यह मुद्दां ghormuhān, or करे kainchi to the west. Other names for similar supports are दृश्का hatka and गोदिया goriya in Shahabad, जोड़ाज kaual in Patna, Gaya, and South-East Tirhut, कर्द्ध kahui in South-West Shahabad, योड सदा ghorsaha or योदा ghori in Champāran and Nort-West Tirhut, जैस kainch in the east generally, and गिन gainch in South Bhagalpur. The ट क्या terua (or in South-East Tirhut क्याद्रा kalandra) is a strut running out from a wall to support the eaves. पाया pāya is an earthen pillar for supporting the roof.

1257. The ridge-pole is बहु र barenr or बहु री bareñri, also जाही larhi in Champāran and the south-west, and बाहा naihi in North-West Tirhut. All the beams of the thatch cross each other over this the upper angle of the cross, is filled in with grass, and the whole is tied up tightly. This filling in is called मारा mangri. The sloping ridge-pole down a corner where two thatches meet is called तड क tarak. A beam running horizontally the length of the thatch along the centre, each end resting on the slope of a gable, is called कमावला kamarballa, also पढ par in North-East Tirhut. A lean-to thatch forming the roof of a verandah is supported on a series of struts projecting from the wall, which are called हिन्द्रा terua, माला māla मलना malwa. महुजा or महजा marwa, or महजा mañruā, which support a long beam or bamboo, called सहस्र sardar, on which the thatch rests.

1258. The round rafters of a thatched house are বলা balla, also বালা bāla in Shahābad. Thick squared rafters are known as কটো kari. The rafters of whole bamboos are কাৰা kora or কাৰা koro. The thickest of split bamboo are বালা bāta or বলা batta, and the thinnest laths of bamboo are বালা bāti and বলা batti, also in North-East Tirhut কালা jhonihan. বিমানা nigasia is a thick rafter used in South-West Shahabad; বালা barga are the thinner rafters used in supporting a flat pakka roof. বলা balli are rafters smaller than a বলা balla.

1259. The round poles built up inside mud walls are det complete a khāmhi north of the Ganges. In Shahabad they are niet gol or niet gola, and so also in the south-east. In Patna they are niet lar, and in South Bhagalpur nīt nār. The support of a broken wall is well astham or viet chānri north of the Ganges; also viet chānra, what uchka, or unui thamua in South-East Tirhut. In Shahabad this is well thunhi, in Patna and Gaya un il thumbhi, in South Bhagalpur

थन्तु आ thamhua or चाँडा chānda, and to the south-east ओटानी othgani or ओटान othgan.

- 1260. মাল gol or মালা gola are round beams, and দ্বানায় chaukor or দীঘলল chaupahal squared beams. The latter are also called দীঘাহ chaudhār in Shahabad. A crooked beam is said to be লুবৰ kūbar in Shahabad.
- 1261. In South West Shahabad चंडा cheñra, in South Bhagalpur चेला chela, and elsewhere south of the Ganges चेला chaila or चेला chaili are splinters of wood, a layer of which is placed between the rafters and the tiling, and is also used for fuel.
- 1262. The tiles.—These are The tiles generally. Flat tiles are यप जा thapua, or in Champaran पद्मा pathua, and in South Munger सुपतिया supatiya. Another name is पटरी patri in South-West Shahabad. Semi-circular tiles are of tat nariya generally, and pointed eave-tiles are टाँटी tonti or (Shahabad) टाँदियारी tontiyari south of the Ganges. In the north-west a star aundha is a rough mode of tiling, when only flat tiles are used. In Gaya Unit mungra, and in Saran Hatt mangra, is a large kind of tile laid along the ridge of a roof. Bits of broken tiles are सर्वन markan to the north-west, and किंद, की jhituki, भारका jhutka, or भारकी jhutki to the north-east. South of the Ganges they are उन्हों thikri or निवादी jhikti. In Shahabad they are िमना jhikri or सिकड़ी sikri. Tiles are baked in a kiln, called आवा āwa or (South-West Shahabad) ซเเล้า ลักพลิก. The layer of loose grass on a tiled roof between the rolls of thatching-grass and the tiles are known south of the Ganges is at a tarer or at at tarers, or (in South Bhagalpur) परोतन patotan. In the north-west it is परका photkan, and in Tirhut छ्रन chharan.
 - 1263. The bricks.—These are दू रागिश generally, local variants being द र गिर or दू रागिश south of the Ganges, and एटा बागर in Patna, Gaya, and South Munger. Awell-known proverh is अन अ आन जान नाज भ दे रा man meñ an, bagal meñ गिर्द्य,— (pretending to have) something else in one's mind, and having really a brick under one's arm (to heave at you). Among the varieties are पक्षा pakka or पानल pakal, which are kiln-burnt (the first word is borrowed from Hindi), and कचा kachcha (also Hindi) or काँच kanch, which are sun-dried. An ther classification is into आ बार वी angreji or बहुदा barka, which are large table-moulded bricks. These are also called महिद्दा gada iya in Patna and South Bhagalpur, and टालो tali in South Munger. Common country bricks are द हाती dehāti, or in South-East Tirhut भद्दांट bhailot or प्रामिन्ना

panginja. बीहर saundar in Patna and the south-east is a yellow kind of country brick. The smallest-sized country bricks are जहीरी lahauri or लहाउरि lahāuri to the west, पजाइ pajāï in South-West Tirhut, लाहोरी lakhauri in East Tirhut, ज्ञाना khajwa in South East Tirhut, and दिन्हिंद्या thikariya in Patna and the south-east. The bricks forming the segment of a circle, used for lining wells, are known as बन्ती bakau, बन्ती bankau, बन्ता bakwa, or बन्ता bankwa. In South-East Tirhut these are known as बानिटा chākaita or नो दिया देटा kothiya inta. सुर्माना surujmukhi, or in Champaran में ज्ञाना geñruāwa, are the bricks, nar row at one end and broad at the other, used in building the sides of wells.

- 1264. In the interior of Patna अवर्ध thawai is the name of the bricklayer caste. Bricks are burnt in a kiln, called, पजाबा pajawa, पिजाबा pijawa, or भाउरे bhāthi. An overburnt brick is भाँ वाँ jhāmwān north of the Ganges, and भामा jhama south of it. Local names are भाम jhām in East Tirthut and भामा jhamo in South Bhagalpur. Half-fired bricks are पीया pāyar or पियरा pāyara, other local names being महास्था bhusuriya or सेवराहा sewrāha in Champāran, सेवर sewar in Shahabad, पोजा pā a in Gaya, अवाब्ध awātu in Patna and जावजीह kachkoh in South Bhagalpur. Other names are भटराज bhatrang in North-West Tirhut and भवरजा bhusranga in South-East Tirhut. The outer bricks of a kiln which become half black or are partially fired are called हाल के इंटर chhāt ke ānta, and in South Bhagalpur also इस्ताटो chhātti.
- 1265. Stone.—Stone is ঘ্ৰাহ patthar or ঘ্ৰাহ্ৰ patthal. Slabs of stone are ঘাইৰা patiya or বিজ্ঞানা. When large they are also called বীয়া chiru in Shahabad, and অবাহ asār in Patna and Gaya Small pieces for jambs and lintels are বাজ্যা toriya in South-West Shahabad, হব tātan in the rest of that district, ক্ৰাহ্ৰা kachri in Gaya, and ঢ়ীকা dhoka in Patna.
- 1266. Lime and mortar.—The calcareous nodular limestone used for lime-making and road-metal is known generally as কছৰ kankar, local names being ভাকৰ ānkar, হক্ষা ikri, or হক্ষা inkri (also in South-East Tirhut) to the west, মন্ত্ৰ gangat in Patna and Gaya, and মানিত gingat to the south-east. Large blocks of it are known south of the Ganges as বহাৰ chattan or বহাৰ chatān, also as আৰু laīn in South-West Shahābad. The small pieces for road-making are ভাকৰা unkri or ভাকৰ ānkar in Shahabad, কক্ষা kankri in Gaya, and in Patna, Gaya, and the south-east simply লাখা lora, or বাহা rora, which last may also

apply to small lumps of bricks, &c., also used in road-making. Ett chharra, or in the south-east attas bālis, is coarse limestone gravel.

1267. Lime is चून chūn, चूना chūna, or चूना ehūnna. It is of two varieties, viz. शिटो gitti—that made from limestone, and क्का kali—that made from shells. In the south-east that made from gravel is also called क्का kali. The mussel shell used for making lime is सोपो sēpi north of the Ganges, and सितुमा situa or सितुमा sētuha south of it. A local name is सिन् sittu in South Bhagalpur. शिचा ghongha, एटा aitha, or शैटा aintha is the voluted shell of a kind of witersnail similarly used. Lime mortar is महाला masāla, or in Patna स्वोद daboï. Plaster is लेटाल ledāl or नोपे nēpe. Moistened clay used as mortar is शिलावा gilawa, or in South Munger शिवेदा gilewa. In Patna, Gaya, and the south-east it is also called बारा gāra. The pounded bricks used as a substitute for sand is सरावो surkhā. When a watt is whitewashed it is said to be पोचारा वाला pochāra wāla. चेटल chunetal, चनवहल chunwattal, or चूना फिल chūna pheral.

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CHAPTER I.—MEALS.

- 1268. The general term for a meal is रसोइ rasoi; also भागस bhānas in East Tirhut. The morning meal is नाम्रता nāshta. Other names are पनियान panpiyāo, पनियार panpiyāi, जलपान jalpān जलखरे jalkhaī, and जलखान jalkhāwa. Other local names are जलधराव jalgherāw (Champāran), पनियार panpiyār (Gaya), and हाना dāna or हाना हनो dāna dūni in Shahabad. पनियार panpiyāi is also used to mean the food eaten by the labourer in the intervals of work in the field. This in the west is also called जुज़म lukum.
- 1269. The midday meal, which is the main meal of the day, is called by the people करोबा kalewa, करोड़ kaleu, or (in Tirhut) कर्बो kalau, though according to dictionaries and pandits this is a light morning repast. Local names for this meal are खाय khāy in Patna खेया khaiya in Gaya, खाइक khāik in South Munger, and करोबा kalaua in South Bhagalpur.
- 1270. An evening meal is ৰ'ন্যা sanjhaua in South-West Shahabad. ৰ আৰু beālu, or in Champāran বিষেবিষা berhatiya, is light food taken just before sleeping.
- 1271. A mouthful, or the quantity of food put into the mouth at once, is कोर kor, कावर kawar, or कोर kaur. In South-West Shahabad it is also वेवाला newāla, which, however, means in the interior of Patna the refuse food left, after eating, for servants, and which is then also called जाल बंधाड.

CHAPTER 11.-KINDS OF FOOD.

1272. The following are the principal kinds of food consumed by the lower orders:—

प्यादी akri, एकरी ekri, or एकरी enkri,—uncleaned rice

अखरो akhri or (South Munger) आखरा akhra or (South Bhagalpur) अखरो akhro, also आँवट वॅग्ण्या (North-West Bihār and South-East Tirhut),—barley ground without being first cleaned. Cf. ग्री gūri,

अहोरी adauri or (Shahabad) छहत्री adwari,—little round balls made of pulse.

चनाच anaj,—a general term for food, especially grain.

wa ann,-food generally, especially corn.

समावट amawat (west), अमीट amot (North-East Tirhut),—mango conserve.

षरकौंच arkaunch,—see रिः व rikaunch.

स्यादा ardāwa,—gram and barley mixed and parched. Used as a food for horses.

स्माँडो के रोटो amanthi ke roti —see साँडो के रोटो anthi ke roti.

चाँटा anta or चाटा ata, पिनान pisan, कानिक kanik or (East Tirhut) चिक्स chikas, and (South Bhagalpur) चिक्स chiksa,—flour or meal.

आँडी से रोटी anthi ke roti, also किसकी से रोटी kisli ke roti (Champaran), अमाँडी से रोटी amanthi ke roti (Gaya and South Munger), and गुम्मा gumma (South Bhagalpur),—bread made of crushed mango stones.

आमिल āmil (North-East:Tirhut), खटाइ khatāi (Saran), and खटा khatta (South Bhagalpur),—dried chips of the mango fruit used as a conserve. It is of two kinds, दिन्मी darimi and खोदया khoiya. The first is made from small immature mangoes (दिन्नसा tikula or दिनादा tikurha), and the second from large mangoes.

चाँवर āñwat,—see ञाखार akhra.

चोगरा ogra,—see माँड mānr.

स्रोरहा orha,—see होरहा horha.

रमरिती imriti,—see जिवेवो jilebi.

THE ingur or The inguri (north),—barley from which the husk has been removed by pounding.

डिनाबा wihila,—cooked mustard-seed.

चरी ग्रेंगां,-green marua (elcusine coracana) roasted as food (see § 990).

उन्ना हान ulwa dāl, उनावन ulāwal,—see हान dal. एकरी ekri ए करो eñkri,—see अन्ती akri.

कचनिया kachwuniya (Sāran, Patna, and South Munger), मोदक modak (Gaya and Shahabad), जसार kasār (South Munger), a round sweetmeat made of rice-flour, sugar, and clarified butter.

ন্বাৰ kachras (north-west) or চবুল panuāń (South-West Shahabad),—sugar-cane juice mixed with water.

क्षांही kachauri,—cakes of flour filled with pulse, &c. The inside stuffing of pulse-flour, &c., is called पीटी pithi south of the Ganges.

कार् आ karhua (south), -- food saved from supper for the children.

कवृत्ती kahūli,—see खिचड़ी khichri.

कानिक kanik,—see आँटा ānta.

कसार kasār,—see कचवनिया kachwaniya.

काँची kanchi,—see इल आ halua.

किसती के रोटी kisli ke roti,—see आँठी के रोटी anthi ke roti.

कुन्ती kunti,—see जाई laï.

कों हरोंशे konhrauri,—cakes made of ground pulse and pumpkin.

ভাৰা khajla (north),—a sweetmeat made from wheat-flour.

खन्द khajūr, also (south of the Ganges) खरमा khurma or (South Bhagalpur) (माजिया jhiliya,—a sweetmeat in the form of a date.

खटाइ khatāi,—see आमिल āmil.

हंड़ीरा khanraura,—see खुद्दी khuddi.

खनोनी khabauni (south),—a sweet cake of wheat.

खाना khāja (north),—a sweetmeat made from wheat-flour.

ৰিঘ্ৰী khichri,—rice boiled with pulse; also called কৰু লী kabāli or মূৰল বিভাছ bhūnal khichri when spices are added. This last is called হাঁকী chhaunki (i.e. seasoned) in South Bhagalpur.

खिरोदा khiraura (South-West Shahabad)—cakes of rice-flour prepared in hot water. Sometimes spelt खिद्दा khirawara.

खीर khīr, also खोरि khīri in North-East Tirbut and बढीर bakhīr south of the Ganges,—rice boiled in mila with sugar See also बाउर jāur and तसमई tasmaī.

खही khuddi, also (South-West Shahabad) खँड़ीरा khanraura, and South Munger मरखन merkhun,—broken pulse or rice.

खुरमा khurma or South Munger खोरमा khorma,—a sweetmeat in form of a date made of wheat-flour, sugar, and clarified butter. Cf. खहूर khajūr.

खुम्रका khushka,—see भात bhāt.

खुसकी khuski,—see पर्थन parthan.

खोिमया khobhiya,—see लाइ lāï.

खादया khoiya,—see आमिल āmil.

net gatta,—a cheap sweetmeat made of molasses. They are sold for a kauri each, and are the delight of boys of the poorer classes.

गलबल galbai,—see डमका dabhka.

गुम्मा gumma,—see चाँठी के रोडो anthi ke roti.

ग्री gūri (Shahabad),—barley ground after being cleaned, Cf अखरा akhra.

गुला gulgula, also (Shahabad) गुलौरा gulaura,—a pudding of wheat and sugar.

गुसहाना guldāna (north-west), also इसाइची हाना ilāichi dāna (Saran and South-West Tirhut), and मञ्जन्हो हाना makundi dāna (Patna),—a sweetmeat made of wheat.

गुलाव जास न gulab jamun,—a long sweetmeat made of dry curds (क्रेना chhena).

गुस्ती gulli,—see जीदया loïya.

गुलौरा gulaura,—see गुलगुला gulgula.

गोका gojha (north and south-west), also गोकिया gojhiya,—a kind of sweet cake. See also फरा phara.

घटरा ghatra, घटोरा ghatora,—see पूचा pūa.

घट्ठा ghattha,—see जपसी lapsi.

ঘটিছন ghatihan, ঘতীছন ghathihan,—a general term for cheap grain, such as barley, pease, &c., also (Sāran) any kind of grain which when ground absorbs much water and is not easily digested.

घटोरा ghatora,—see पुत्रा pua.

वसुचा ghasua or वसुई रोटी ghasuë roti, also पोकुचा pochhua (Tirhut)

and सोहारी sohari (East Tirbut and Shahabad),—cakes fried in a little clarified butter or oil.

चाउ ghāth, चाउा ghātha, चाउो ghatho,—see जपसी lapsi.

घाउँ ghāthi,--see बेसन besan.

घाँठो ghāntho,—see लपसी lapsi.

ঘিষাভ়া ghiyaura, ঘাৰহ ghiwar, ঘুনুহা ghuguri,—see ঘৰহ ghewar ঘুঘৰী ghughni (north and south-east),—a mess made of pulse, clarified butter, &c.

ঘ্রম ghewar (north), দ্বামী ghuguri (South-West Shahabad), ঘ্রামা ghiyaura (Patna and Shahabad), ঘ্রম ghīwar (Gaya and south-east),—a sweetment made of wheat-flour.

घोर ghor, घोल ghol,—see महा mattha.

घोरनाउर ghorjaur, घोरनारी ghorjari,—see मट ग्राउर mathjaur.

चका chakka,—see बजका bajka

चटनो chatni,—" chutnee."

चवेना chabena, चवेनो chabeni, चरवन charban, or भूजा bhūnja, also सुजना bhūjna (Shahabad) and मुद्दी mūrhi (South Bhagalpur) सुजा bhūja (North-East Tirhut),—parched grain.

चिक्स chikas, चिक्सा chiksa,—see गाँडा anta.

বিশ্বৰ chikkas (north),—roasted barley ground up with unroasted barley.

चिडरी chiuri (north-west), चौरी chauri (South Tirhut), फरही pharuhi (East Tirhut and Shahabad), फरही pharhi (Patna and Gaya),—unripe barley parched; but in South Bhagalpur, फरही pharuhi is parched rice.

चुन्नी chunni,—see चुन chun.

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मुद्दा chūra,—unhusked rice, parched, then moistened and pounded flat.

चुन chūn (north-west), चुन्नो chunni (Patna, Gaya, and South Munger), and रई rai (Shahabad),—rice partially boiled, then pounded and roasted.

चोखा chokha or भरता bharta, also (East Tirhut) चना sana,—a mess of pounded reasted vegetables.

चौंचा chontha (Sāran), -a dish of pulse.

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चौरौ chauri,—see चिडरौ chiuri.

चौरेटा chauretha, चौ ट chaurath,—rice scaked in water and then dried and pounded.

छनका chhanka छेवकन chhewkan, छेवँकना chhewankna, छौँकल cheanneal, दौँका chhannka,—see बचार baghar.

द्विता वाहा chhena bera,—round flat sweetmeats made of dry curds (द्विता chhena); a Bangali dainty adopted in Bihar.

होंनी chlaunki,—see खिचड़ी khichri.

-ashes of burnt ears and stalks of barley, used as a cure for indigestion.

जाउर jāur,—rice boiled in milk with salt. When boiled with sugar it is खोर khār, q.v.

বাৰে jabar,—a mess of rice, vegetables, clarified butter, &c.

নি অবী julebi,—a tubular sweetment in a coiled shape, made of fine wheat-flour, sugar, &c. A variety of it is known as হমনিবী imriti or হমিবী imriti.

भा jhānjha (South-West Shahabad),—a mixture of coarse sugar, hemp, clarified butter, &c.

िमालिया jhiliya,—see खनूर khajūr.

भिन्नो jhilli,—see लहा latta.

मोर jhor,—see परंड pareh.

द्वा tūka (north) or (East Tirhut) दुवारी tukri,—the fourth part of a round cake.

হিন্দং tikri,—a sweetment made of flour, fried in clarified butter or oil, and covered with sugar; also (Gaya) a small loaf or roll. In South Bhagalpur it is a round sweetmeat in the form of a cake, and made of flour, butter, and sugar. Another name for this last is হিনিয়া tikiya.

ठकुमा thakua,—see डेकुमा thekua.

उर्शे thurri,—see ठूरी thūri.

उरी thūri, or (Tirhut, Gaya, and South Munger) उर्दी thurri (South-West Shahabad) डोरी thori, (Patna) सुरही murri, and (South Bhagalpur) मूर्ग mūrhi,—grain which has not burst while being parched. डे कुछा thekua, टक्किया thakua, — a kind of cake pressed in a mould called खारीटा agarauta.

ठोरी thori,—see ठूरी thuri.

ভাষা dabhka (north-west), মানাৰ galbal (South Tirhut), ভাষাৰ dabhkal,—parched unripe grain, or ripe grain soaked in water and parched.

इ एका duppha,—see महन्यर mahuar.

বন্ধ takkar,—a preparation of butter-milk with spices, &c. It is said to be very cooling.

বাৰ taral (North-East Tirhut),—a kind of dish consisting of vegetables cooked in clarified butter or oil. It is peculiarly a rich man's food, and is supposed to be fattening, hence the proverb ব্ৰোথা, মূর মানে লাখ taral khāy, punu garal jāy,—he is a rich man, and yet he is lean.

. ব্যমই tasmai,—rice boiled in milk with sugar, usually eaten by mendicants. It differs from ছৌৰ khir in that the latter may or may not have water added.

ताज खानो tājkhāni,—see तास खानो tās khāni.

तास खानो tās khāni (north,, also (South-East Tirhut) ताज खानो taj khani,—a round sweetmeat made of rice-flour, sugar and clarified butter.

तिस कतरी tilkutri,—see साइ lãï.

বিলন্ধাৰ tilkut,—a sweetmeat made of sesamum and molasses much eaten by boys in Patna.

fewit tilauri,—small balls of urid or mung mixed with sesamum seed, dried in the sun, and then fried in clarified butter.

तिसर्जारो tisjaurı (South Tirbut) or तिसियाचर tisiyaur,—linseed and rice cooked together.

दंडि भी darimi,—see आमिल āmil.

दनका उर danjāür (Saran and South-West Tirhut),—poppy-seeds (हाना dāna) and rice cooked together.

इनोरो danauri,—the same as तिलारो tilauri, poppy seeds being used instead of sesamum.

हरा darra. हररा darra (north),—coarse meal; but हररा darra south of the Ganges is pounded maize bailed with water and sugar.

हालिपट्ठी dalpitthi, दलिपठौरी dalpithauri—see हाल पोठी dal pithi-हलसामा dalsagga or (South-West Shahabad) समपहिता sagpahita,—pulse boiled with vagetables.

दलही पूरी dalhi pūri,—see ब रही berhi.

हाल dāl,—split pease or pulse. When these are parched they are called ज्लावाल हाल ulāwal dāl or उलवा हाल ulwa dāl.

हाल पोठी dal pithi, हलपिठी dalpithi, or (Shahabad) हलपोडीरी dalpithauri,—(1) balls of wheat or barley-flour stuffed with pulse inside and boiled in water; (2) balls of wheat or barley flour cooked along with pulse. पीठा pitha means balls of meal boiled in water.

ध् आँर dhuñāñr,—see फीरन phoran.

घोज्यत दात dhoal dal, घोठाँच dhoānch,—see घोई dhoï.

धोई dhoë (north and Shahabad), also धोआंच dhoānch (South-West Shahabad), elsewhere भोअन दान dhoal dāl,—soaked pulse धोँग dhong (Shahabad),—a thick cake.

पनसान pakmān or पननान pakwān,—sweetmeats.

पतौरा pataura,—the tops of the plant called गुम्मा gumma (phornaceum mollugo) roasted in a castor-oil leaf.

पनुका panuān,—see कचरस kachras.

पपरा papra,—see पापर papar.

परितया parakiya,—see समोसा samosa.

परथन parthan, also Gaya पर्वेषन palethan, and खुसकी khuski,—the dry flour rubbed on the dough as it is being made into cakes.

परमल parmal (Shahabad),—parched maize or grain. See also होस्हा horha.

पराठा parātha,—see पराठा pharātha.

परेइ pareh, रसा rassa, रासा rāsa, or स्नोर jhor, sauce, such as of vegetables, &c., eaten with dry food.

परीयन palethan,—see पर्यन parthan.

पात pag or (south-east) राज ran or (South Bhagalpur) चिरा sira, —syrup made by melting sugar in water and boiling it down.

पाचक pāchak,—see जवाखार jawākhār.

पापर papar or पपरा papra,—a crisp cake of pulse flour.

fusit pithar (North-East Tirhut), -rice pounded in water.

पिट्डा pittha or पीठा pītha, also to the east बिताया bagiya, and in Tirhut बर्गे या bageya,—a kind of boiled pudding made of sattu or meal. A smaller variety is called पिट्डी pītthi.

पिट्ठी pitthi,—see पिट्ठा pittha.

पिसान pisān,—see खाँटा ānta.

पीच pich,—see महि manr.

पौठा pītha,—see पिट्ठा pittha.

पीठी pithi,-see कचौडी kachauri.

पुत्रा pāa, also (East Tirhut) पू pu, and घटोरा ghatora (Patna and Gaya), and घटरा ghatra South Bhagalpur and Gaya),—wheat-flour and molasses mixed and cooked in clarified butter or oil. Cf. माल पुत्रा mal pua.

पूरो pūri, also (north) ज पुरे luchuë, and (Tirhut) घोहारो sohāri or सुद्दारो suhari,—thin cakes boiled in clarified butter. They are supposed to be as indigestible as muffins: hence the proverb about one who attempts things he cannot do, ध्रापचे नहिं पूरो जा मारि ghyu pache nahin puri lamari,—a fight for muffins, when even clarified butter won't digest.

पेडा petha (north), also सुद्धापास bhuāpāg (South-East Tirhut)
—candied gourd.

पेड़ा pera,—a sweetmeat made of sugar and milk. Those made in Mathura and Gaya are most esteemed. See also कोइया loïya.

फरही pharhi,—see चिडरी chiuri.

प्रशा phara (north-west), बोन्ता gojha (Shahabad), and विश्वया bagiya (South Bhagalpur),—balls of rice steamed over a pot containing boiling water.

भराठा pharātha (north and south-east), प्राटा parātha (else where),—bread made like pie-crust.

unger),—parched rice. See also चिड्डी chiuri.

मुटप्री phutpūri,—see व रही berhi.

पुरस्रा phutahra,—see बिही litti.

पुरहा phutha or (South-West Shahabad) पुरहा phutahra, parched gram and pease.

पूरं चरी phutehri,—see खिट्टी litti.

- प्रवीरा phulaura,—large balls of urid-flour fried in clarified butter or oil, and then soaked with spices in tyre. It becomes very spongy.
- प्रवीरी phulauri,—(1) (south) a roll of course flour cooked by steam in a pot with some water in the bottom, and resting above on twigs; (2) (north) balls of pulse-flour boiled in clarified butter or oil.
- पेनी pheni,—a frothy sweetmeat made of wheat-flour and sugar. See also बतास फेनी batas pheni.
- फोकना phokna,—see फक्टी pharuhi.
- फोरन phoran, also (Shahabad) घुँ आँर dhunanr, seasoning used with food.
- बाबीर bakhīr (South-West Shahabad),, रसियान rasiyāo (rest of Shahabad), रिस्था rasiya (Patna, Gaya, and the south-east). -- rice cooked in sugar and water. See also get khīr.
- बिताया bagiya, बर्गे या bageya,—see पौट ठा pittha.
- बचार baghar (north-west), छ बक्त chhewkin (Tirhut), छेब कना chhewankna (Patna), हाँ नल chhaunkal (South-Munger), छन्दा chhanka or Etal chhaunka (South Bhagalpur),—the act of seasoning food.
- बचका bachka,—see बजका bajka.
- वजका bajka or (Patna) वचका bachka, (north) चक्का chakka, (North-West Tirbut) बरा bara, (South Bhagalpur) बारा bara,—slices of gourd or vegetable covered with pulse-flour and then fried in clarified butter or oil.
- बतास पानी batas phens or पानी phens (north), -a spongy sweetmeat made of sugar and flour.
- वतासा batāsa,—a spongy sweetmeat made of sugar.
- बर्फा री baphauri, -- pulse-flour cooked by steam.
- बरजीर barjaur, see न रहिन berhin.
- बरफी barphi,—a white sweetment made of wheat, flour, milk and sugar.
- बरा bara or बारा barı,—cakes of urid pulse fried in clarified butter or oil. See also aman bajka.
- at bari, -balls of urid, mung, or gram-flour fried in clarified butter or oil.

बजुसाही balusāhi or बाजू साही bālu sāhi,— a sweetmeat made of wheat.

नास्या basiya,—see नासो bāsi.

बहुरी bahuri,—see होरहा horha.

बारा bara,—see वजका bajka and बरा bara.

बाल साहा bālu sāhi,—see वाल्साही balusāhi.

बासो bāsi or बसिया basiya, also (Shahabad) बासी कूसो bāsi kāsi, food saved from supper for breakfast.

बोरो biri (Gaya) a kind of food made of leaves and flour fried in clarified butter.

बुनियाँ buniyān,—a small round hollow sweetmeat made of gram-besan, fried in clarified butter or oil and covered with sugar.

बेनिया beniya,—see बेरही berhi.

ब रहिन berhin or वरजीर harjaur (Shahabad), - pulse cakes.

बेरही berhi, दलही पूरी dalhi puri (north), फुटपूरी phutpūri (South Bhagalpur), and also (Tirhut) व निया beniya, and (Shahabad) व रहाया berhīya,—pulse-flour cooked inside a wheat cake.

बे सन besan or चाउँ ghāthi (North-East Tirhut).—pulse-flour.

बोर bor or बोर बोर bor bor (Gaya and west), खानि sāni (South Bhagalpur), सोन son (South Munger), the act of soaking dry food, such as bread, in any liquid.

भभरो bhabhri,—see लिट्टी litti.

भात bhāt (amongst Hindus), खुम्रका khushka (amongst Musalmāns),—plain boiled rice.

सम्आपाम bhuāpāg,—see पेठा pet ha.

मुजना bhujna, भूजा bhūnja, भूजा bhūja,—see चवेना chabena भूनल खिचड़ी bhūnal klichri,—see खिचड़ी khichri.

मर्दा maëda or मैदा maida,— fine sifted flour.

मञ्जी makuni (1) (north),—cakes stuffed with gram-flour; (2) (south) cakes made of pease or wheat-flour. See also जिही litti.

मटरी matri (north) मुदरो muthri (South-West Shahabad), a sweetmeat made of wheat-flour. मट्डा mattha or मडा mātha, also मण्डा mantha (South-West Shahabad), घोल ghol or घोर ghor (to the east), and मही mahi (South Tirhut),— butter-milk.

सठवाउर mathjāür, also (east) चोरवाउर ghorjāür and (South Bhagalpur चोरवारी ghorjāri,—butter-milk boiled in water, with a little rice, &c., added.

मटरी mathri,—see मटरी matri.

मङ्सटका marsatka (Gaya),-rice-gruel with the rice.

मखा mantha,—see मह डा mattha.

महन भोग mahan bhog,—see हलुआ halua.

महियाउर mahiyāür (north) and महेर maher (South-West Shah-abad),—a mess of rice, &c., in butter-milk.

মন্ত্ৰৰ mahuar or (South Bhagalpur) ভূদো duppha,—the flowers of the mahua (Bassia latifolia), soaked over-night, crushed next morning, and made into a cake with flour, gram, pease, or linseed.

महर maher,—see महियाखर mahiyāür.

मठा mātha,—see मट्डा mattha.

माँड mānr (amongst Hindus) and पीच pāch or खोगरा ogra (amongst Musalmāns)—rice-gruel.

माज पूजा māl pūā,—wheat-flour, sugar and milk mixed and cooked in clarified butter only, thus differing from पूजा pūa, p.v.

मीठी प्री mīthi pūri,—sweet cakes

मुर्री murri,—see उरी thuri.

म दी murhi,—see घरी thuri, चर्नेना chabena, and खाद lai.

मं रखन merkhun,—see खुद्दी khuddi.

में दा maida,—see मण्दा maëda.

मोती चूर moti chur,—a sweetmeat made up of very fine वृतियां buniyan shaped like pearls.

मोदन modak,—see नचनिया kachwaniya.

रई raī,—see चुन chūn.

रस गोबा ras gola,—round balls of dry curds (क्वा chhena) in syrup; a Bangāli dainty adopted in Bihār.

रिया rasiya, रिवयाद rasiyao,—see बसीर bakkir.

रस्या rassa, रासा rasā,—see परेच pareh.

रान rān,—see पाता pāg.

राव rāb,—boiled sugar-cane juice.

হিন্ধীৰ rikaunch or ভানে saindha (north), also অংকাৰ arkaunch (Tirhut),—a mess of pulse-flour cooked in the leaves of the অবই arui (Arum colocassia).

खकडो laktho,—see सेव seo.

बाह्य latta or बाह्य lāta, also (South Bhagalpur) विस्त्रों jhilli, a mess made of the flowers of the mahua (Bassia latifolia), molasses, and parched grain.

बह्द् laddu or बहु आ larua,—a sweetmant made up of sugar and

অথমা lapsi.—flour of any grain boiled in milk and eaten with sugar. When made with salt instead of sugar, it is called (South-West Shahabad) ঘাত ghāth, (South-East Tirhut) ঘতা ghātha, (South Munger) ঘাতা ghātha, and (South Bhugalpur) ঘাতা ghātho or ঘাঁতা ghāntho.

जाइ lāi, also (Tirhut) म हो mūrhi, जुन्तो kunti (Patna and the south-west), and तिजवतरी tilkatri (South Bhagalpur) and खोमिया khobhiya,—parched rice prepared with sugar south of the Ganges, but without it north of the Ganges.

जारा lāta,—see जटा latta.

जाना lāwa,—maize, rice, &c., parched in hot sand.

জিত হা litti, মম্বা bhabhri, মন্ত্রনা makuni, cr দুই ছ্বা phutehri or (south) দুইছ্বা phutahra,—various cognate kinds of cakes fried in hot ashes. The last four are generally stuffed with sattu and spices, while the first may or may not be so stuffed.

बुचुई luchūi,—see पूरी pūri.

खोइया loiya or (South Bhagalpur) गुड़ी gulli, the lumps of dough out of which cakes are made. In Patna, Musalman women call them पेड़ा pera.

सकरपाला sakarpāla or (Gaya) सिरजर्द mirjai,—a sweetmeat of wheat-flour.

सापद्विता sagpahila,—see द्वसागा dalsagga.

सतुत्रा satua, सतुई satui,—see सत्त् sattu.

चत्त् sattu or चतुचा satua, also (Shahabad) चतुर्दे satui, and (north, generally amongst mendicants) चितलबुकनो sitalbukni, parched gram ground into flour.

समोसा samosa also (Tirhut) पर्किया parakiya,—balls of flour with fruit, &c., inside, cooked in clarified butter.

सर्वत sarbat (south-east),—sugar-cane juice mixed with milk; also generally eau sucre.

सानि sani,—see बोर bor.

साँस sāns,—a sweetmeat made of वेसन besan and molasses, eaten by boys in Patna.

सितलबुक्तनी sitalbukni,—see सत्त sattu.

सिधा sidha or सोधा sīdha,—provisions, food, as in the proverb सिधा सन्दे ह, गय गथ काथि sidha sandeh, gabya gabya karathi, it is doubtful if he should get anything at all to eat from me, and he has the impudence to ask for milk.

सिरा sira,—see पाता pag.

सित्ञा sirua,—soup.

स्रका चूरा surka chūra,—unripe paddy parched and pounded flat. सृहारी suhāri (North-East Tirhut),—see पूरी pūri.

सची suji,—the flour from the centre of the wheat grain.

चेव see or (Shahabad) जकारी laktho,—a kind of coarse macaroni, differing from चेवई semwai in not being regularly coiled.

सँबई semwai,—a kind of macaroni, which differs from संव seo in being regularly coiled.

स दा saindha,—see रिकाच rikaunch.

सोहारी sohāri,—see प्री pūri.

सोन son,—see बोर bor.

हजुजा halua, also (Shahabad) काँची kānchi,—a sweetmeat made of flour, dried fruits, and clarified butter. Musalmāns also add eggs. A superior variety of this is known as महन भाग mahan bhog.

हानुस hābus,—green barley roasted as food.

ছাংহা horha (west), আহো orha (east generally), also ছালছা holha (Patna and Gaya), বহুৰী bahuri or uৰ্মল parmal (Shahabad),—unripe grain, roasted in the ear or pod.

होलहा holha,—see होरहा horha.

CEREMONIES AND SUPERSTITIONS OF RURAL LIFE.

CHAPTER I.-MARRIAGE.

1273. Marriage is amongst Hindus বিষয়ে biyāh, local optional names being মুদত্বনী shumangali (properly the marriage service described in § 1828; in North-West Tirhut and Champāran, and বিষয়ে হানী bihāh dāni in East Tirhut. বিষয়ে bibāh is common in North-East Tirhut, and বিহা biha in South Bhagalpur. Amongst Musalmāns it is ভাইী sādi or মাই shādi, বিহায় nikāh being the less regular form. The marriage contract is ভাৰহ akad amongst Musalmāns.

1274. The husband is everywhere (amongst Hindus) बर bar (properly bridegroom). भतार bhatār, पीया pīya or पो pī (only used in poetry), पतो pati or बामो sāmi. Local forms are जैवाय jañwāy (properly son-in-law) (South-West Shahabad) and in East Tirhut चँए saiñeñ amongst the lower classes and स्वामो swāmi or सवामो sawāmi amongst the higher classes. भतार bhatār is sometimes specially used to signify a woman's second husband. Musalmāns use the word प्रोहर shauhar The following words are used by Hindus and Musalmāns indifferently: इसहा dulha (properly bridegroom), पुरस् purukh, मार marad, ससम khasam, अस्मो admi or अस्मो adimi* (also used in South Munger to mean wife), and खावन्द khāwind. South of the Ganges occur अमरो amdi and मार्वा mardawa. A wife calls her husband मार marad, or in the localities mentioned above जैवाय jañwāy or मार्वाचा mardāwa. In South Bhagalpur she calls him खाँइ sañiñ.

1275. A wife is म हराइ mehrāru, दिलारो istiri, माउन māig or मोनी mauge, बह bahu or बह bah, (also, in Champaran, बौह bauh) (which means literally daughter-in-law), जनी jannē, बेकत bekat (also used to mean husband), बनाना janāna, बोइ-joru, and किवा kabila, the last two

^{*} Often spelt by purists one adami.

being principally used by Musalmans. जीनी jauji (a corruption of zauja) is used only by Musalmans and Kāyasths. When talking to a respectable man about his wife, the word स्वारो sawāri or घर के लोग ghar ke log or a periphrasis is used. Thus they say in Shahabad उपान के स्वारो ऐसी इ० apne ke sawāri aili ha? 'has your wife come?'; रवाँ घर के लोग कहवाँ वाहीं rawan ghar ke log kahwān bārīn?' where is your wife?'; or रवाँ इवेजो में कब ऐसो इ० rawān habeli mān kub āili ha?' when did your wife come?' lit. 'when did the being in your honour's inner apartments come?'.

- 1276. When there are two wives, each is चाउत sāüt or चौतिन sautin to the other, a South Ganges variety being चौतिन sotin, and in South Munger चौतिन saitin. The first wife is नियाही biyāhi. In Patna and Gaya निही bihi, and in Shahabad में हरी mehri and किन्ना kabila, are also used in the same sense. When there are two wives, the elder is called जेटरो jethri, जेटकी jethki, or बड़की, barki, and the younger जहरी lahuri or कोटकी chhotki.
- 1277. A woman whose husband is alive is north of the Ganges एडवासी ehwāti, and south of the Ganges she is उद्भावती ahiwati or उद्भावती ahiyāti. A local variety is ऐड्व aihab in South-East Tirhut. सोहाशिन sohāyin is another word used everywhere in the same sense. Another local word in South-East Tirhut is सम्भा sadhwa. When a married woman is living in her father's house she is a नेहरीतन naihraitin, or in South Bhagaliur स्वासिन sawāsin, and when she is living with her husband's family she is समरीतन sasuraitin.
- 1278. A widower is হছো randa or হাঁছা rañra. If he marries a second time he is হাঁহাছ doāh or (in East Tirhut) হারেষ dutibar or হাবিষয়ে dutibiyāha, and in South Bhagalpur হাবিষয়ে dobiha. If he marries a third time he is तेया teāh or (in East Tirhut) বিবিষয়ে tritibar, and South Bhagalpur বিবিষয়ে tebiha. In such case he is also called হাঁহাছ doāh.
- 1279. A widow is ব্রা bewa or হাঁছ rāñr. Another term is বিষয় bidhwa. In South-East Tirhut ব্যাহ baidhab is also used. The second marriage of a Hindu widow is হালাহ sagār. Optional names are হালাহ sagaham, হাবন্য sambandh or হামাহ samadh, used chiefly north of the Ganges. To the south-east মুদাবন chumāwan or মুদানা chumauna is also used in this sense. Such woman is called to the west আহা ordhī, and the second husband is হাছুলা sagāhua or হামাহা sañghua. In Western Shahabad he is হাছুলা sānghut, and to the west generally

অধ্যুক্তা ardhua or মনাহ bhatār. A child brought forth by the widow previous to the ceremony is पহলোবা pachhlagwa or কটবটা kathbeta, or in South Bhagalpur অছৰ তা lahbeta. The second marriage of a Musalmān widow is অকহ ভাৰী akad sani or নিকাছ nikāh.

- 1280. A kept-woman who lives with a man without marriage, is रवित्तिन rakhelin, रवित्ती rakheli, or रखनी rakhni. Other names are रखी randi, उढ़िए urharhi or उढ़री urhari, and देमनी dhemni. सरैतिन suraitin is used in South-West Shahabad.
- 1281. The bridegroom is इसहा dulha, बर bar, नौसे nause or नौभे naushe. Also, south of the Ganges, माम्ह gabhru. In East Tirhut the forms विख्या bikhia and विद्या bikheya are current. The bride's people call the bridegroom सर्वा larika or बेटवा betwa.
- 1282. The bride is दुलच्चिन dulhin or कानेआँ kaneāñ, also in South Bhagalpur कन्यादन kanyāīn. The bridegroom's people call her करिकी lariki, करिकी larkini, or वेडिया betiya.
- 1283. The dowry is जहेज juhej or दहेज dahej. In South-East Tirhut it is जैतुक jaituk.
- 1284. The marriage settlement amongst Musalmans is मोद्दर देन mohar den north, and देन महर dain mahar south of the Ganges.

CHAPTER II.-WEDDING CEREMONIES GENERALLY.

- 1285. The proposal for a boy in marriage by the girl's relations or vice versā is amongst Hindus बर्त्र bartāi or बरहें all bardekhi, or in Shahabad बरें की barekhi. In South Munger it is sometimes पनवट्टी panbatti. In Patna it is occasionally बसन पुच्छी babhan puchchhi. Amongst Musalmāns the name for a proposal is निसंबत nisbat.
- 1286. The match-maker, who conducts the preliminary negotiations, is everywhere अगुजा agua. In north and East Tirkut it is also घटन ghatak. The barber and Brāhman, who are messengers, and sometimes negotiators, in the matter, are called collectively नोजा जानग naua brāhman. The searching for a boy in marriage is north of the Ganges, to the west, जिन्हा की larika khōj, in South-Tirhut बाउदार bartuhāri or सुवाद्या कार्य sudhābadha karab, while in North well; Tirhut it is कथा कर्य katha karab. South of the Ganges it is the bartuhār. Most of these words, however, include the

negotiations, when a suitable boy has been found. If, during the negotiations, a member of the bride's house visits the bridegroom's or vice versa, the food given him to eat is called ৰংবৃহী ক মাব bartūhi ke bhāt. The first food given to him after the marriage under similar circumstances is মহাই bhathkhai.

- 1287. The betrothal consists in paying the বিজয় tilak on the occasion of the formal proposal and acceptance of the proposal of marriage. This বিজয় tilak is a present made to the bridegroom's people by the bride's people in the bridegroom's house. Some castes pay a portion of this in advance, as a sort of retaining-fee to secure the bridegroom; and when this is done, it is called দুজহাৰ phaldan, ইকা chhenka, or বৃহ ইকা bar chhenka. In Sāran and Champāran it is also called বৃহত্য barachehha, in South-Fast Tirhut प्रवृद्ध pancharhi, and in South Bhagalpur प्रविदेश pantohi.
- 1288. The man who carries the ইনা chhenka is the ইনছৰ chenkahru north of the Ganges. South of the Ganges he is ইনছৰী chhenkahri, or in South Munger মহনী mahton.
- 1289. The period of marriage ceremonies dates from the presenting of the বিজন tilak, and is called আমৰ lagan, or in East Tirhut মুঘ sudh.
- 1290. The marriage procession is ब्रियात bariyāt. Sometimes the Hindi form बरात barat is used. When it remains at the house of the bride a day after the wedding, the halt is called मरवाद marjād. When a bride's father is unable through poverty to defray the expenses of the marriage, and he sends her to the bridegroom's house for the performance of the ceremony, she is called कर दे karhui, कर आ karhua, or दोन कर दे dol karhui. The marriage procession is the first formal visit of the bridegroom to the bride's house.
- 1291. The second visit, which consists in the ceremony of going to the bride and bringing her home to her husband's house for the consummation of the marriage, is गवना gawna, गवन gawan, or गौना gauna. In East Tirhut it is also दुरागमन durāgaman, and south of the Ganges दुरागोन durāgaun. Another name is रोकस्ती roksati, रोकस्दो न्लेंडबddi, रोकती roskati or रोकस्ती roskaddi (خصني).) Yet another and the bidāgi.

Western 92. If the bridegroom pays an intermediate visit, it is ith-East Tirhut द्वानयन duragnaghan. Immediately

before the final visit to fetch the bride, a message is sent to the bride's house with some presents, to announce the approaching of the time for the visit. The presents are called नेजार neār, and the persons who carry them नेजरघरज्ञा neartharna. The persons who actually fetch the bride are जीताहर lautāhar, नेवतहर neotahar, जेताहर letāhar, or जिज्ञवन liāwan, or in South Bhagalpur जेवारो leyāri.

- 1293. The newly-arrived bride is called गौनहरी gaunahri. In East Tirhut she is also called बहुचासिन bahuā sin. The male members of her party are जीननाहा loknāha, and the females जीननी lokni or जोननिया lokniya.
- 1294. After consummation of marriage, the first and second visits of the bride to her parents' house are called राजधती roksati, &c., as above. The second visit of the bride to her husband's house is हो गा donga, and her third visit is तँगा tegna. Her subsequent visits to her husband's or her parents' house are called राजधती roksati, विद्यारी bidāgi, विद्यारी bidāgi, खबन अवन अवन अवन अक्या gawan, अहरा वहुरा ahura bahura, अहीर वहीर ahor bahor, औरा वौरा aura baura, or आइस गैस ail gail.
- 1295. A married girl in her father's house is called by her people इंदे daī, धो dhi, चबुद्दे babuï, or सुन्यासिन suāsin. When a wife is in her father's house and her husband wishes her to return, he sends a messenger (generally a barber by caste) to summon her, who is called देडविया pethwaniya.
- 1296. Their father-in-law's houses are called by bride and bride-groom respectively चस्रार sasurar. The educated also use the Hindi word चस्राज sasurāl. In East Tirhut it is called चास्र sāsur and in Shahabad sometimes चस्रा sasura.*
- 1297. The wife's parent's house is called by her in Patna and South Munger नहिरा nahira or मैका maika, and in South Bhagalpur नेहरा nehra. Elsewhere she calls it नेहर naihar.
- 1298. The husband's or wife's maternal grandmother's house is called by him or her नानोहाल nānīhāl, ननिहास nanihāl, ननिहार manihār, ननिहर nanihar, or ननिद्धीरा naniaura. Other names are समहर mamhar, and (in East Tirhut) साजिक matrik.
- 1299. The husband's or wife's paternal grandmother's house is his or her हाही हाल dādīhāl, हिहहाल dadihāl, हिहहार dadihār, हिहहर

^{*}A man in his father-in-law's house is always made much of and fed well; hence in thieves' jargon a jail is called (let us hope sarcasti cally) again.

dadihar, or द्दिजीरा dadiaura. Another name current in East Tirhut is पैनिक paitrik, while in South Bhagalpur they say वपहर baphar.

- 1300. Their maternal uncle's houses are his or her समहर mamhar or समुहर māmuhar. So also the paternal uncle's house is सस्रार sasurār.
- 1301. The paternal grandfather's house is (north of the Ganges) अजिमोरा ajiaura.
- 1302. The father of the bride and the father of the bridegroom call each other समधी samdhi. Their wives call each other समधिन samdhin.

CHAPTER III.—SPECIAL WEDDING CEREMONIES AMONGST THE HINDUS.

- 1303. Marriage ceremonies vary somewhat according to locality and caste. The following is mainly a description of such a wedding as might take place in the house of a well-to-do goāla in Patna, see § 1353. When the marriage has been agreed upon, the father of the bridegroom visits the father of the bride, and each provides a few handfuls of paddy (und dhān). These are mixed together, and then divided between the two fathers by a Brāhman, and the bridegroom's father takes his share home. This ceremony is called under dhanbattic. This paddy is reserved to be parched in the chālha which will be subsequently mentioned.
- 1304. Then the famales of the bride's family perform the THIGH chumāwan or THIGH chumāwan kissing-ceremony. In this five women take rice between the thumbs and forefingers of both hands and touch in order her feet, knees, and shoulders with it. They then put it on her head. To perform this ceremony is THICH chumāëb because, when the ceremony is over, they make the bride and the bridegroom kiss their fingers.
- 1305. On the fifth or eighth day before the expected arrival of the wedding procession, the following preparations are made in the bride's house. If they take place five days previously, they are called प्रसंगरा pachmangra; if eight days, अवसँगरा athmangra.
- 1306. The ceremony called HEARS matkerwa.—The women of the family, and their friends, go singing to a well. They level a piece of ground near the well and smooth it down with and

দাইী $l\bar{a}l$ $m\bar{a}ti$, a kind of yellow clay which is generally found immediately over gravel. They then dig a clod up out of it, and carry it home on the head of one of them. They make a fireplace, ভুলো $ch\bar{u}lha$, of this mud in the centre of the court-yard or ভাষান $\bar{a}ngan$. In South Bhagalpur they set up a plantain-tree and a bamboo in the court-yard, under which they place the mud.

- 1307. The day before the expected arrival of the marriage procession, the family sets up a bamboo shed in the court-yard over the fire place. This shed is called मान्या markwa, मेंड्या manrwa, or माँड्री mānro, also in South Munger महाही marki, and in South Bhagalpur महाम mandap. The same day a potter brings an earthen pot, called क्लास kalsa, with a four-wicked lamp, called चीसस chuumukh, on its top. This is placed in the house where the family god is placed for the purposes of the marriage. This house is called क्लास kohbar. According to some the pot is placed at once in the महासा markwa.
- 1308. A plough-saft (इसि haris), a plough-yoke (पाली pālo), and some bamboo twigs (जरूची karchi), are then buried in the ground in the centre of the कह्ना marhwa. Then five men bring out from the काइन kohbar the कला। kalsa, and place it under the महना marhwa in front of the bamboo twigs. The father of the bride then ancints the four posts of the महना marhwa with way ghyu (clarified butter), and on each the mother applies some vermilion (सेन् senur). The name of this ceremony is wहारी ghyudhāri or होहारी dhīdhari. In South Bhagalpur it is चिहारी ghidhāri. At the same time worship is offered to the progenitors of the family, which is called मन्त्रीपूजा mantri pāja. Then five men take turmeric (इस्टी harai), oil (तेल tel), and dāb grass (इसी dubi), which they scatter on the bride's forehead. This is called इस्टी चाएन hardi charhāeb. Then women anoint her body with oil and turmeric. This is called उन्हिन ubtan &c., see § 1342.
- 1309. Next day, before the arrival of the procession, the paddy saved from the under the ceremony of stat two-chhitai (see § 1:32), at the time of the marriage circumambulation. The fireplace is then put to one side.
- 1310. Next follows the ceremony of swallowing the mango fibre. This is called হানতা ঘাঁহাহ imli ghontāi. In South Bhagalpur a similar ceremony is called অমলা ঘাহন amlo ghotan. An elder male of the mother's family (usually her brother) puts into her left hand a present of money or ornaments. The barber's wife then gives him the

centre fibre of one of the mango leaves hanging up in the মাৰো marhwa, which he presents to the mother's mouth. The mother then bites a small piece off this and deposits it in the hollow of her own right hand, into which the elder male pours a little water. The piece of fibre is called ভাষা kharika, বিৰুদ্ধা tinka—, or ভাষা danti. This the mother holds over her daughter's head and gulps (ঘাইৰ ghontab, to gulp) it all down. The elder male then says to her, "Art thou cool (i e. pleased)? লুই লু jurailu)," to which she replies "I am cool (লুই লাই jurailān)."

- 1311. Wedding wreaths of mango leaves, flowers, &c., are hung over the door, and about the माउना marhwa. These are, north of the Ganges, बन्देनेबार bandnewār or बनवार banwār. South of the Ganges they are बन्देनेबार bandanwār, and in South Munger चेरा ghera-In South Bhagalpur mango branches are hung about the house, and are called पद्धी pallo.
- 1312. In the bridegroom's house, before the marriage procession starts for the marriage ceremony, very similar ceremonies are gone through; the महक्षाइना matkorwa is performed. A पूरहा chulha is made in the court-yard. The plough-shaft, yoke, and bamboo twigs are buried, and the earthen pot with lights is set up. Only no महना markwa is built. The ceremonies of द्वांना chumauna and हरही पहाएन hardi charhāeb are performed on him, as is done to the bride.
- 1313. The paddy reserved from the ঘ্ৰাহ্থী dhanbatti is parched in the ব্যা chulha. This parched grain is taken with the wedding procession and mixed with that parched in the bride's house, and with it scattered at the circumambulation (§ 1332).
- 1314. They then cover him with cosmetic (ভৰ্হৰ ubtan, &c., see § 1342), and his nails are cut by a barber's wife, he sitting in front of his mother, and his mother wearing the maur (see § 1326). This, as in the bride's case, is called ৰছফু nahchhu (see § 1326). The ceremony of হমলী ঘাঁহাছ imli ghoñtāï is also observed (see § 1310).
- 1315. He is then bathed and anointed, and sets out with the marriage procession. A little of the water in which he was bathed is brought with him. This is called चिने इ ते पानि sinch ke pāni. He is not allowed to bathe again until the चौधारी chauthāri (see § 1340) When the marriage party arrives at the bride's house, this water is given to her mother, and at the time of the girl's नइक nahchhu, the barber's wife will mix it with other water, and bathe the bride with it immediately before cutting her nails.

- 1316. The first scattering of rice.—When the bride-groom arrives at the door of the bride's house, the women of her family receive him and scatter over him uncooked rice, the dung of a heifer, balls of cooked rice, and other articles. A married woman of the family then takes a brass pan (द्धीपी chhāpi or घारी thāri) and a small lamp (दोषा dāya) and gives them to the bridegroom; and then, holding two corners of her mant'e (चुनरो chunri), touches with them the pan, then the boy's forehead, and then her own. This is called परिद्वान purichhāwan, परिद्वा parchhan, परिद्वान parchhāwan, परिद्वान parchhan, or परिद्वान parchhani. A similar ceremony is called in South Bhagalpur मनसेही galsedi.
- 1317. The ceremony of the pestle—The girl's mother then rubs in the palm of her hand a curry pestle (str lorha), which she applies to the cheeks of the b.idegroom. This is called not sailed not gāl senki. This custom is not known in South Bhagalpur. Instead there is performed a ceremony called yan dhāa. A man disguises himself as a woman and approaches the wedding party with a jar of water. He says he is a woman of Kāmiūp (Assam) come to give away the bride, He then sprinkles water on the bridegoom. (Compare § 1320.)
- 1318. The marking of the bridegroom's forehead with sandal paste before marriage is বিষয় tilak or বিজয় tillak. In South Bhagalpur it is মুহ্ব chandan. This is done by a man called in the west বিজয়ত tilkahru, and in the east বিজয়ত মা tilakdeua or বিজিনিয়া tilikiya. He is generally the bride's father. This tilak is quite distinct from the tilak paid at the time of proposal of marriage.
- 1319. These ceremonies at the door are called collectively হুৱাই ঘুনা duār pūja. In South Bhagalpur they are known as হুৱাই আছে duār lagāi. Those described above are those performed by goālas in Patna. Other castes have other customs,—the higher ones contenting themselves with giving presents to the bridegroom and scattering rice (আক্রে achehhat) over him.
- 1320. The wedding procession then proceeds to put up in a p'ace set apart for them. This is called जनवाँचा janwānsa or (in North-East Tirhut) बेटकी baithki or बास्य bāsghar, and in South Bhagalpur जनमासा janmāsa. A male member of the bride's family (generally her sister's husband) then brings to the जनवाँचा janwānsa a bowl of sweet drink or sharbat, called सूत्रा dhūa, and covered with a red cloth. He also brings some urid (dolichos pilosus) flour mixed up with finely-powdered pepper. This is called बुद्धार bukua. On his arrival at the जनवाँचा janwañsa he scatters this in the a causing the bridegroom's party to sneeze. He then gives all those

present to drink of the sharbat. The whole ceremony is called ভুমুহা ভাষাই bukua urāi A similar ceremony is called, north of the Ganges, ধুহুহুৰ dhurchhak, in which water is sent in pitchers, and a little scattered over the party with mango sprays.

- 1321. The barber now comes for the bridegroom's wit maur or head-dress, as will be subsequently described, which he takes away to the bride's house.
- 1322. When all is ready the friends of the bridegroom leave the ভাৰটো jauwānsa with great pomp, carrying with them the presents for the bride. Amongst these is a valuable cloth, called কাৰ আহ kaneāi, or in South Bhagalpur বিহানী bihauti, which is taken to the female apartments, and in which she is dressed. She is then brought out and made to sit in the মানো marhwa. This visit is called বিশিক্তৰ nirichchhan, বিশেক্তৰ nirachchhan, or বিশ্বেষ nirchhan, as the bridegroom's party see (বিশ্বেষ nirekhab, to see) the bride now for the first time.
- 1323. Then the ceremony of making the bracelet is performed. The bridegroom and seven other men husk paddy in a mortar. When husked, two or three grains are wrapped up in mango leaves to form a kind of bracelet. Two of these bracelets are made, and one is tied on to the bridegroom's right wrist, and the other on the bride's left wrist, by a Brahman. These bracelets are called जाइन kangan or कडून kankan. The ceremony is called जार athongar, जारी का athongar, or (in Patna) जारी मह lathaungar.
- 1324. Then follows the adoration of the bride. In this ceremony the elder brother of the bridegroom (or in default of him some elder of the bridegroom's family) offers sweetmeats, molasses ($q \in g\bar{u}r$), and ornaments to the bride. He then takes some betel-leaf and tyre ($q \in g$) dahi) in his right hand, and presses it against the bride's forehead, at the same time pressing his left hand against the back of her head.
- 1325. These two ceremonies are together called and and and gurhatthi, or great gurhatthan, and signify that he has touched her once for all, and that if he touch her again he will be guilty of a sin. In South Bhagalpur they are performed by the bride's sister, and both bride and bridegroom are adored. There the ceremonies are called graundha.
- 1326. Then the bride's mother sits in the Hoat marhwa with the bride between her knees, holding her round the waist. The

ceremony that follows is the cutting of the nails. This is called नहारू nahchhu, नहारू मा nahchhua, नहारू मा त्या nahchhua, नहारू मा त्या nahchhua nah āwan, नहार स्वार nahkatiya, or (in Shahabad) नहारू nahtungi. In South Munger it is नक्ष्माए nachhunāë, and in South Bhagalpur जोइसा lauchhua. The bride's mother has previously sent (§ 321) a barber (हजास hajām) to the जनगंगा janwañsa to ask for the head-dresses. There are two head-dresses,—one worn by the bridegroom, which is made of talipot-leaves and is called सौर maur; the other is worn by the bride, and is called सौरा mauri, or (south of the Ganges) परवासा patwāsi, or परमौरा patmauri. The bride's head-dress is made of date-leaves. The barber brings these two to the bride's house and puts the सौर maur on the mother's head and the सौरा mauri on the bride's head. Then the barber's wife (हजासिन hajāmin) cuts the finger and toe-nails of both the bride and her mother (the bridegroom's having been cut before he left home).

- 1327. The bridegroom's party then returns to the জনবাঁধা januansa, and the bride goes inside the house and exchanges her কাৰ্যাই haneai for her wedding dress or ঘিলাই piāri (see § 1348). The bridegroom is then sent for and is seated under the মানে marhwa, and the father or elder male relation brings the bride and seats her beside the bridegroom under the মানে marhwa, to his left. Some one belonging to the bride's family then goes inside and gets the bridegroom's maur from the bride's mother, and brings it out, and it is put on the bridegroom's head.
- 1328. Then the marriage service is read by the Brahman. This is called মুদত্বৰী shumangali or মুদত্বৰী snmangali. The bridegroom sits under the মানো murhwa in front of the bride. The father of the bride sits kneeling on one knee, keeping the bride sitting on his other thigh. This is the ceremony of giving the girl in marriage, and is called ক্ৰিমা হাৰ kaneiñ dan or বাঁঘা (বাঁঘ or বাঁঘ্যা) বীধাৰৰ jāngha (jangh or janghiya) baisāëb.
- 1329. It is not necessary to describe particularly the procedure carried out by the officiating Brahman. He recites (or is supposed to recite) verses from the Vedas, and leads in various acts of worship, such as throwing incense on the fire, throwing rice (अवस्त achchhat) about, worshipping Gauri, and the like. At one period the Brahman puts into the bride's father's hand a shell containing water, flower, achchhat, and metal, and makes him empty it round the base of the earthen pot

ৰীয়ন্ত chaumukh) is burning. He makes him do this five or seven times. This completes the ceremony of ক্লান্ডাই হান kaneāñ dān.

- 1330. From the time of the arrival of the विश्वात bariyat up to the completion of the ज्नेआँ दान kaneāñ dān, the father and mother of the bride can eat nothing.
- 1331. Next follows the knotting together of the clothes of the bride and bridegroom. This is ম'ত বন্ধন genth bandhan generally. South of the Ganges it is sometimes known as মত লাভ genth jor or মতলাভ্ৰ gethjoran, and in South Bhagalpur as লাম মত janam genth. At the same time something of small value, such as a two-anna piece or a few pice, or sometimes a piece of betel-nut, is tied in the bride's waist-band and in her breast-cloth by the Brahman. Sometimes an ornament is tied to the bride's sheet, which is called ভাৰতী ঘালা (or ঘৰলা) añchri pālo (or pallo).
- 1332. The circumambulation of the sacrificial fire.—This is sometimes done by both bride and bridegroom, sometimes, e.g. in North-West Tirhut, by the bridegroom alone. They or he carry a winnowing sieve. The bride holds it in her hands in front of her. and the bridegroom follows her with an arm passing round her on each side, also supporting the sieve. Her brother fills the sieve as they go along with parched grain prepared in the fireplace formerly under the ALAI marhwa, which the bridegroom at the same time scatters by shaking the sieve with his hands (this is called जावा किटाइ lāwa chhitāi or, in Shahabad, जाना मिराइन lāwa mīrāib). Care is taken to keep the sacrificial fire (when there is one) or the altar to the right.* It is considered unlucky for the girl to pass it to her left. This ceremony is called भाषा bhanwar; भ वरी bhanwri, भौरी bhauñri, or सत भौरी sat bhauñri. It is also called वृद्धि भ्रमाएव bedi ohumāëb. This circumambulation is performed five times, and is the important part of the ceremony. The couple on its conclusion are fumigated with incense by the officiating Brahman: This is called चारत arat चारती arti, चाती agti, or चामियाची agiyasi. In South Bhagalpur it is called TH hom.
- 1333. When this is done, the bride's sisters and her brothers' wives amuse themselves by pushing the bridegroom about, and lifting him up by the ears. This last is supposed to be done five times, but

^{*} The reverse rule is observed by some castes when the horoscope makes out that it is necessary.

is rarely done more than once. It will be seen that this is only done by females. Amongst the Tirhutiya Brāhmans and Kayasths, however, it is done by the bride's brother. The ceremony is called बर्क बेसाएव उठाएव barak baisāëb uthāëb.

- 1334. This is followed by the application of vermilion. In this the bridegroom takes a small cup containing vermilion in one hand, and applies vermilion to the parting of the bride's hair with a piece of hemp. This is called सेन्स दान senur dan or सिन्द्र दान sindur dan.
- 1335. The stopping at the door.—The couple then leave the court-yard and go into the house where the family deity is put. This house is called बोइन kohbar, or in South Bhagalpur बोइन o kohbara. At the door they are stopped by the sister of the bride, who require the bridegroom to repeat certain verses, called द्वांच duraundh or द्वांचा duraundha. The bridegroom demands a present for doing so, and on this being given he repeats the verses. This ceremony is called द्वार केंग्र duār chhenkaï or द्वार क्वीन duār chhenkauni.
- 1336. The stealing of the shoes.—The bridegroom takes off his shoes before entering the house. If he is silent or is too nervous to speak much, the bride's sister may, as a joke, steal his shoes while he is inside, and conceal them somewhere, in order to compel him on his reappearance to speak, and say "where are my shoes?" This ceremony is called जूता चोगड jūta chorāï. In South Bhagalpur they make the bridegroom bow to a pair of shoes covered with cloth, and the ceremony is called जूता बोगड जगड jūta gor lagāï.
- 1337. The couple then kneel facing the north-east, and perform the worship of the tutelary delay of the tamily, offerings being made to him at the same time. This is called nix universal for lagāëb. The clothes of the bride and bridegroom are then untied, the promised presents given to the sister of the bridegroom, and the marriage is concluded, the bridegroom returning to the state januansa, and the bride remaining in the house.
- 1338. Shortly after the marriage, though this sometimes takes place the morning after, the bridegroom goes to his mother-in-law, who feeds him with rice-milk. After eating a little he son etimes takes the rest, dish and all, to the जनवाँचा janwāñsa, and finishes it there, or sometimes leaves it unfinished. This is called खोर खियाव khīr khiyāo or वियाही भात biyāhi bhāt, or (in East Tirhut) महुखन mahuak and in west Tirhut खरखियोनी khirkhiyauni.
- 1339. If the bride's people invite the bridegroom's people to stay over the night, it is called ALGIETUMA marjād rākhab. This may last

for two or three days or more. On the expiry of the period of सर्वाद marjad, the bride's people see the bridegroom's party off. This is called रोसकति करि देव roskati kari dēb, &c., as in § 1291. In South Bhagalpur it is also called जोटजी totli. It is managed as follows: The bride's family collects in the court-yard all the presents received from the bridegroom's party, and with the assistance of village friends assesses their value. All this time the bridegroom's party is away in the जनवासा janwāñsa. When the value has been assessed, the bride's father collects on his side presents to the value of at least one-fourth greater value than those received, and takes them to the অন্থালো janwāñsa. These return presents constitute the dowry, and are called the হট্টৰ dahej. The bride's father lays them before the bridegroom's. Then the bridegroom's father takes a new cloth (चहर chaddar) and puts it on the bride's father. The bride's father in return presents the bridegroom's father with a purse of money of the value of the chaddar. Then both salām to each other-Then the bride's father, in token of allowing the other to depart' presents him with a sum of money varying according to means, and a lota of water, saying "राम राम rām rām," to which the other replies in the same words. This ceremony is called रमरमी ramrammi, मोखन milan, मिलनी milnī, or समधी मिलावा samdhī milāwa. The two fathers are now, by relation, until sandhe to each other, and in token thereof they exchange cloaks and garlands. These exchanged cloaks and garlards are called समधी samdho. Amongst lower castes, as the procession is about to start, the bride's father gives each member money sufficient for the way expenses and drink, called चटचारी batsari, and in South Bhagalpur पायक pāthak. Then the procession, bridegroom and all, goes off.

1340. The untying of the bracelets.—Four days after the marriage the bride and bridegroom bathe, and the bracelets on their two wrists are taken off. This ceremony is called चौथारी or चौडारी chauthāri or चुनुषो chaturthi. This is the first washing the bridegroom and bride get from the time of the arrival of the procession before the marriage. During the interval they have been anointed with cosmetics, उन्हा ubtan, &c.; see § 1342. Usually this is done in their respective houses, but in Patna the bridegroom sometimes goes to the bride's house to perform the ceremony. This concludes the marriage proceedings.

1341. Miscellaneous.—The wedding breakfast is (north of the Ganges) कवी kalau or समानी majhni. South of the Ganges, in Shahabad it is पहल panghat, and elsewhere मोरीया goraudha or प्रशेषा guraudha.

The feast at the house of both parties the day before the marriage procession is भतवान bhatwān, भतवानी bhatwāni, or भोज bhoj. Before eating the guests wash their feet, and the ceremony is called पर पखारी pair pakhāri, पर पखरमा pair pakharua, पांच पखारी pāñw pakhari गोड़ थोइ gor dhōï, or गोड़थाबाद gordhoāï.

- 1342. The cosmetic of turmeric, meal, oil, &c., rubbed on the bride and bridegroom for about ten days before marriage, is north of the Ganges অৰহন abtan, and in East Tirhut ভাৰতন ugtan, কালাহ kasār or কালা kāsa. South of the Ganges we find ভাৰতন ubtan or (in Patna) আনহন obtan very generally used; also আনহ āñwat and আঘান aptan in Shahabad, ভাৰতন uktan in South Munger, and কালা kasa, কালাহ kasara, or ভাৰতন utkan in South Bhagalpur.
- 1343. The horoscopes of the boy and girl are everywhere जनम पतर janam patr or जनम पतरो janam patri. Also, very generally टीपन tōpan. In West Shahabad they are also आडली kundli. If they agree, the phrase मनना बनन ganna banab, or जोग मिलन jog milab, राम बरग वेस गेल rās barag bais gel, is used. To calculate the horoscope is गिनन ginab, or जोग मिलाएन jog milāëb, or दिन गुनी करन din gunni karab, or बभन पुच्छी babhan puchehhi.
- 1344. When the auspicious day for the marriage has been fixed, an announcing letter is sent to the bridegroom's father. This is known as the অনাৰ uহা lagan patri, or simply as the ভিতৰ chitthi, The formal invitation to the wedding is বঁৰুৱা neñwta or ব্ৰুৱা neota, or (in East Tirhut) ব্ৰুৱ nawat.
- 1345. The feast given to the brotherhood at the wedding is known as মহন্যায় bhaïāra, মহন্যায় bhaïāra, মহন্যায় bhaïāra, মহন্যায় bhaïara (Shahabad), নিবন্ধে jeonār, or মীল bhoj.
- 1346. In North-East Tirhut, amongst certain castes, especially the Bikaua (বিনীয়া) Brāhmans, caste money is paid as follows. If the bride's father is of lower caste than the bridegroom's father, the latter pays the former a sum in compensation called ক্ৰয়া হান kaneāń-dān. In South Bhagalpur this is called মন main. If the bridegroom's father is of lower caste, he pays the bride's father a sum of money called বিকাশ bikri.
- 1347. The presents given are as follows:—ঘন্ত sanes, ভালা dâla, or ভালা dâl daura, are the presents sent by the bridegroom before the arrival of the procession. হলা dahej, as already explained is the dowry paid by the bride's father. Before the bridegroom leave after the wedding, he goes to bid his mother-in-law good-bye. Sh

and the other women give him presents, which are called सलामी salāmī. Other similar presents are in South Munger पूर्न pūran and in South Bhagalpur चौंक chaunk. निद्यादा nichhāwar, निद्यादा nichhāwar, विद्यादा nichhāwar, विद्यादा nichhāwar, वाहादा nichhāwar, are presents made to the barber and his wife. त्रदान gaidān or गौदान gaudān is the present of a cow made by the girl's father to the family priest (परोच्चित parohit, or (in East Tirhut) प्रोच्चित purohit or अवाज achārī). गुरह्यो gurhatthī has already been mentioned as the ceremony of giving presents to the bride by the bridegroom's elder brother (§ 1325). मोहदेखाद mohdekhāī, मुदेखीनी mudekhaunī, or मुदेखी mudekhī, are the presents given to the bride by her mother-in-law or other female relatives of the bridegroom on her first coming to her husband's house.

- 1348. The पिन्नरी piāri, पौरो pīri, or (in South Bhagalpur) किंगिती kansaiti, is the bride's yellow dress and कन्द्रावर hanhāwar or कंघावर kandhawar is a red loin-cloth laid upon the bridegrom's shoulder during the ceremony.
- 1349. Bringing the bride home.—This is নীৰা gauna, &c., vide § 129:. The procedure is as follows:—When the bride is old enough to live with her husband, an auspicious day is fixed. Some days before the date, the bridegroom's family send a present of sweetmeats called নীৰা ক ৰহায়ে gauna ke neāra. On the evening of the appointed day the bridegroom and his party arrive, and after feasting go off with the bride at dawn next day. The day before, a plough shaft (ছমি haris), but no yoke or bamboo twigs, has been buried in the court-yards of each of the respective families. Before the bride and bridegroom start, their nails are cut. This is called ৰছ হয়ে nah chhachhāi or বাছ হোৱা noh chhilāi. With the party the bride's people send one or more gaily decorated earthen vessels full of sweetmeats, called ক্ৰমে hunda or মহা mahar. The ceremony of cutting the nails is called in West Tirhut ৰাছ হিন্দ্ৰী nawh chhilli.
- 1350. When the party arrives at the bridegroom's house, the bride passes from the litter to the door, putting her feet into a basket at each step. This is called दौरा में गोर डाउन daura meñ gor darab or चर पेसारी ghar pāisari.
- 1351. On entering the dwelling the couple go into the house where the family god is, and worship him. This is called गीर जगायन gor lagāëb.
- 1352. As they go into the house, another ceremony, called इञ्चार क्षेत्रार duār chhenkāi, is performed. In this the bridegroom's sister

demands a present, and when it is given or promised she allows them to pass.

- 1353. On certain ceremonies performed by Soti Brahmans of East Tirhut.—Different castes and different localities have various marriage customs, but the one just described may fairly be taken as a standard Hindu marriage ceremony. It describes a marriage such as would take place in a well-to-do goala's house in the district of Patna.
- 1354. The Soti Brahmans of East Tirhut have several curious marriage customs which have existed for many hundred years, some of which will now be noted. The greatest care is kept in keeping up correct genealogies of members of this clan. The genealogical registers are called पाँचा panji and they are kept up by hereditary genealogists called पाँचार panjiyār. Once a year or oftener there are great meetings of these Brahmans at Saurath, near Madhubani, and other places, where the panjiyārs assemble and write up the registers. They also arrange marriages after consulting their registers, and give certificates to the parents certifying that the marriage is lawful, and that the parties are not within prohibited degrees of affinity. These certificates are called अधिकार माला adhikār māla or असूजन पत्र asujan patra. The settlement of the conditions of marriage is called स्वितंत sidhānt.
- 1355. When the bride is of equal or higher caste than the bridegroom, the parties meet in a distant place away from both their homes, and the conditions are proclaimed by the panjiyārs present. If, however, the bride is of lower caste, the following procedure is adopted:—

The bride and her faimly leave their house and going a little distance off erect a HG. II marhwa for the marriage ceremony. On the day appointed for the wedding, the bridegroom starts from his home with his servants under the pretence that he is going out hunting. None of his relations accompany him, and although they, of course, really know for what he is starting, they pretend to be ignorant. When he arrives within a little distance of the HG. II marhwa, he stops and then the sidhānt is proclaimed. By this time the marriage preparations are ready, and the bride's brother comes to him and conducts him to the appointed place. On his arrival at the door the bride's female relatives, each being called for this purpose a GUATI bidhkari, catch hold of his nose with one hand, and with the other hold a sheet tied round his neck. In this condition they bring him into the HG. II marhwa, and there the marriage is performed.

- 1356. After a time the bridegroom's friends pretend that he has been lost in his hunting expedition, and send a man called the আৰ srautra to look for him. He returns shortly afterwards, and informs them that the bridegroom has married so and so, whereupon they all fall to and abuse him. After abusing him they change their minds and reward him.
- 1357. At the marriage a barber ties some paddy in a knot in the bridegroom's waist-cloth (থানী dhoti). This is called বান মতি janam genthi. This is not untied until the fourth day after marriage, which is by this sect called the বনুয়ে chaturthi.
- 1358. Another ceremony is the হ্যান dasaut. In this a professional dancer (নৃত্তমা natua) comes up to the bridegroom and offers him sham sweetmeats (নত্ত laddu), in return for which he receives presents. After this the bride and bridegroom go into the কাছন kohbar to worship the family god. On the way the bride's female relations set up shops of paltry articles, which the bridegroom is obliged to buy.
- 1359. Another ceremony is चर्चा ghaskatti. In this the bridegroom cuts some grass for his father-in-law, and in return the latter promises to give him a horse.

CHAPTER IV.—MARRIAGE CEREMONIES AMONGST THE MUSALMANS.

- 1360. The writer is indebted to Kāzi Sayyad Raza Husain of Patna City for the following facts:—
- 1361. Amongst Musalmans there are two kinds of marriage ceremonies, भार्द्र (شعبي) sharaā and उर्भो (عرفي) urfi, or religious and ceremonial. The more strict and educated members of the community follow the former, and the common people the latter.
- 1362. العربي) shara i marriages are entirely free from cere monies of any kind. After the betrothal the marriage is performed in strict conformity with the sacred law. The amount of dowry (איזן mahar) is not fixed, but depends on the pecuniary circumstances of the parties. Immediately after the marriage, the wife goes to her husband and is settled for life.
- 1363. عربي) urft marriages are not so frequent as they used to be. The spread of education and railways has tended to make people stricter in their religious duties, but, specially amongst the lower

orders, the following ceremonies are still in vogue. In these marriages the dowry (HET (1820) mahar) is always fixed. In the cities it is fixed at one lakh of rupees, and in the villages at forty-one thousand rupees and one dinar. This is the amount of dowry promised by even the poorest people. It is needless to say that it is never given.

The parents first make themselves acquainted with one another's pecuniary circumstances, and the negotiations are carried on through a female match-maker (HATAT (abla) mushāta). When the preliminaries are settled, a letter of ceremony is sent by the guardian of the boy to the girl's family. This letter is written on red paper, or on white paper sprinkled with red. The carrier of the letter, on arrival at the girl's house, is given sharbat to drink, and detained for a day or two. The reply is written on similar paper and returned by him, and this correspondence settles the marriage question. From this time marriage presents are exchanged between the parties, the boy's guardian making the first present. If at this time any women come from the house of the bridegroom on a visit to the bride's house the bride will not show her face to them.

1365. In some places, before the marriage is decided on the girl's guardians first see the boy. This may be done in two ways: either the girl's people send for the boy to their house, and serve him with betel-leaf, and give him rupees or gold mohars, or else the guardian of the bride sends some relative to the boy's house. There on his arrival, he is given sharbat to drink, and the first thing given him to eat is sweetened rice (Hist with a chāir). This relative reports concerning the boy to the girl's guardians.

1366. Betrothal.—This is that () mangni. In this the boy's guardian, after consulting with the other party to the contract, fixes a date, on which he sends presents with considerable ceremony. Large coloured earthen pots are filled with sweetmeats and fruits, and sent with a large party. In some places a suit of clothes is also sent. The pots are carried on the heads of maid-servants, who sing songs when they start and when they approach the bride's house. As soon as they arrive they are given sharbat to drink, and while they drink the bride's people sing abusive and obscene songs to them. The persons that supply them with sharbat receive a small present. The maid-servants are also given sweetened rice to eat in a dish covered with silver leaves and pieces of fruit. Sometimes they are given sweetmeats to eat first and then dishes prepared with salt. They are

detained for at least one day. When they leave the bride's house on their return journey, they are given presents in money and sometimes suits of clothes. They are also given a plain ring (ZEI chha/la) a red handkerchief, and some sweetmeats as presents for the bridegroom.

1367. The letter of promise नादा का तका (क के है के अध्य) wada ka rukka .- When the time of marriage approaches, the parties, either orally or in writing, fix a date for it. Afterwards a customary letter of promise is sent, written on red paper and sprinkled over with pieces of gold or silver leaf. The letter is to the effect that such and such a day has been fixed, and that the writer hopes that it will meet with approval. Amongst poor families, the letter is sent in a bag of red cloth or velvet, together with two betel-nuts, some green grass, one or two pieces of turmeric, and a little rice. Amongst rich families, the letter is sent in a silver or golden box. The box is placed inside an embroidered bag together with the betel-nuts, &c. The whole is sent on a silver plate. The letter is always carried by a barber, who is given a handsome present, consisting of cash, clothes. and utensils by the girl's guardian. The guardian sends a reply either through the same man or through a messenger of his own. A tailor is then sent by the girl's guardian to take the measure of the boy's dress. He also gets a present from the boy's people on going away. The marriage must take place not more than two months after this correspondence.

1368. The going into retirement of the bride and bridegroom

मार्च (مايون) mayun or माँगा (कार्क) mānjha.—After the interchange of letters, the bride and bridegroom sit in mānjha.—The girl puts on a sheet dyed with safflower, and the women of the neighbourhood and her female relations assemble, and rub her with cosmetics (उवस्त ubtan), singing songs as they do so. From that day the girl sits in a room, and never leaves it except for necessary purposes. She does not see the face of any man,—not even of her father or her brother. She eats only milk and fruits, and every day the barber's wife comes and applies cosmetic to her. In the meantime the boy is undergoing the same treatment. He wears similar dyed garments, is surrounded by females, and cosmétic is rubbed on his body every day. In South Munger he does not thus go into retirement.

1369. The ceremony of the grindstone—चन्नी chakki—and the washing of the pulse—हाल भोई (دال سري) dâl shoë or हाल भोई dal dhoi

Two or three weeks before the marriage a grindstone is put in one of the rooms of the female apartments of both the houses, which has been previously well cleaned. The following day a number of women assemble and singing, accompany the maid-servants who carry some mung (phaseolus mungo) to a well or river. Arrived there, they joke and sprinkle water on each other, while washing the grain. They then bring it back in the same way. It is dried in the sun, and ground into flour on the grindstone by seven women whose husbands are alive (चोट्टाविन sohāgini). It is then made into a dish called चर्च bari for the ceremony of कट्टा (عن عند) kandūri (see § 1377).

- 1370. The cutting of the clothes.—This is called fact पारचा (معلى پارهها) kita pārcha, and takes place in the bridegroom's house. Men and women are invited, songs are sung, and the tailor cuts out the marriage dress of the bride. When it is cut, all the men present congratulate the boy's guardian, and give the tailor a small present.
- 1371. A similar ceremony takes place in the bride's house on the day of the marriage procession. There the bridegroom's wedding garment is prepared, and when it is being despatched to him the male friends of the family assemble under a canopy in the female quarters. A few stitches purposely left unfinished in the bridegroom's drawers are then completed by the tailor, who gets some small fees from those present. This ceremony is called ৰাম (or, in South Munger, সামা) ৰক্ষীৰৰ (ত্ৰু: المنابع sāz (or jāma) beotab.
- 1372. The vigil.— Taijagga.—This ceremony takes place in the houses of both parties. A spot in the house is washed, and a small wooden stool is placed therein. A new water-pot is placed on it and is covered over with a new earthen cover. A red handkerchief is then tied on it. A garland of flowers is then placed round the neck of the pot, sweetmeats are cooked, and hymns sung entreating God to bless the bride and bridegroom. The women sit up the whole night near the water-pot, thereby intending to keep God awake. At dawn the sweetmeats and (TEH (1)) rehumⁿ and sharbat are offered to God They are then distributed among the people.
- 1373. The erection of the canopy.—बायावन्दी (سابع پندی saya-bunai) or علق الله manrhua.—This takes place the day after the last ceremony. A canopy with four bamboo poles is erected in the female quarters. First, brown sugar is offered to the saint named Shakarganj, and then garlands are tied to each pole of the canopy. When the ropes of the canopy are being tied, the sister of the bride or bridegroom,

^{*} Rice-flour mixed with clarified butter, sugar, and milk, and made into balls.

or any near female relation of the father of either, comes in and stops the work. The persons employed are not allowed to proceed till they have promised to pay her a sum of money. When the canopy has been safely erected, a paste of sandal powder is rubbed on the faces of those present. In some places, after the erection of the canopy, a goat or a cow is sacrificed in memory of the saint Shaikh Abdul Qādir Jilani, (شيخ عبدالقادر جلاني). The flesh of the animal sacrificed is cooked on the spot where it was killed, with rice and gram, in new earthen pots. When cooked, it is offered in the name of the saint, and then eaten.

- 1374. The same night another ceremony takes place. A potter is ordered to make a small water-pot. This is coloured and painted with figures of horses and elephants. It is called and kalsa. It is placed in the courtyard and covered with an earthen cover, on which ears of rice and mango leaves are put. A four-wicked lamp (Acaumukh) is kept burning on it every night. This pot is neither opened nor removed till the marriage ceremony is over. When it is first deposited, the women sing a song over it, the purport of which is, "We have shut up storm, rain, serpents, scorpions, and worms herein."
- 1375. On the same night another ceremony, called चिट्ठा तन (الله) chihal tan (forty-persons), takes place. A number of beggars who play the drum and fiddle are invited, and towards the end of the night a pit, four or five feet wide and two or three feet deep, is dug under the canopy. In this pit large billets of wood are burnt, while the beggars play and sing hymns in honour of the same. When the fire begins to burn brightly they one by one fall upon it and extinguish it with their bare feet. Sometimes they carry the bridegroom in their arms while performing the ceremony. When it is over, fried gram and fried wheat mixed with sugar are offered to the forty saints.
- 1376. The song of Balaimiyan.—This is called पौर का केन्।
 (پير كا نيرة) pir ka naija, or बार्ज मीया (پير كا نيرة) lalai miyan, Next day
 the females of the neighbourhood are invited; a spot is washed beneath
 the canopy, and the green branch of a mango tree with leaves on it (or
 sometimes simply a wooden stick 3 or 4 feet high) is erected therein.
 A red handkerchief dyed with safflower is spread over it. The women
 then sing the song of Bālai Miyān. At the same time an siteau
 ankhiya* is put in a new earthen pot, offered to the saint, and then
 distributed to the people.

^{*} A kind of cake made of wheat-flour and rice-flour and boiled in water. It is shaped like the eye, ankhi: hence its name.

1377. Offering to deceased elders.—This is called कर्री (کندوري) kandūri or नीनी के सहनक (ابي دي کي صحلک) bibi ke sohnak, and takes place on the same night as the last ceremony. An earthen fireplace (মুহতা chūlha) is prepared at home and placed beneath the canopy. The maid-servants go singing to fetch water, carrying several water-pots covered with red cloth, and accompanied by musical instruments. They must be married women of good character; they may not be widows, or women who have married twice. In the water which they bring, rice, gram, mung (phaseolus mungo), fruits of the egg-plant, and pumpkins, &c., are cooked. When cooked, first the rice is distributed on earthen plates, then on it the pulse, then a little tyre prepared specially for the occasion, and then the vegetables and cakes. On each plate one betelleaf and one garland is laid. In some places only rice, curds, and sugar, are put on the plate, and this is called मोडी केंद्र शे mīthi kandūri. These plates are prepared in great number, and have been previously kept in a room washed for the purpose. Then the plates are offered, first one in the name of the prophet," then one in the name of his daughter Bibi Fatma (قاطمة), then one each in the names of many saints, and then one each in the names of the deceased members of the family, so far as they can be remembered. Great care is taken to make offerings in the name of all of the last. After this the females of the neighbourhood and those related to the family who have been invited assemble in a place in the courtyard (आंगन āngan) of the house, which has been well washed for the occasion, and sing songs in the praise of Bibi Fatma, and eat the offerings. No woman who has been married twice, or who is unchaste dare eat out of these sacred plates.

1378. The anointing.—तेल चढाएव tel charhāëb.—This takes place in the houses of both the bride and bridegroom the day after the last ceremony. Each is made to kneel down on a wooden bench (चौद्यो chauki), and a yellow cloth is thrown over him or her. Then seven married women चोद्यागिन sohāgini) tie up seven cakes (सुद्याद्यो suhāli* and पीटा pītha) in a yellow handkerchief, and wave it round their heads. Then they anoint the whole body of the bride or bridegroom with oil. A small bundle is made up of mustard seeds tied up in a piece of yellow cloth, and then tied on the arm of the bride or bridegroom. This is called चौना नांचन kangna bāndhab.

^{*} A cake made of flour and turmeric and fried in clarified butter.

1379. The marriage procession.—This is aftern bariyāt, &c., as amongst Hindus; see § 1290. When the time for the departure of the bridegroom's marriage procession draws near, the maid-servants of the bridegroom's house go out, singing songs, to fetch water. their return they are stopped at the gate by the musicians, who refuse to let them pass till a present has been made to them. The water is placed under the canopy, where also a small stool is placed. The male members of the family assemble there, and, as songs are sung, the brotherin-law of the boy, or any near relative, digs a pit there. This is called 'digging a pond,' पोखरा खोदन pokhra khodab. He also gets a present for doing this. The bridegroom then bathes at this place, and puts on his wedding garments, consisting of (a) coloured drawers, (b) a kind of overcoat (আনা (িন্) jāma) dyed with the safflower, or made of एकाइन ekranga or of brocade (असावरी (اسارري) asāwari), (c) a white turban covered with a red cloth, or a red turban, (d) a garland of flowers, and (e) a handkerchief carried in the hand. He then mounts on horseback. and visits first the grave of some saint, where he makes an offering of sweetmeats, and then the village imāmbāra (इसामवाज़ा (।),* where he makes a similar offering. He then starts for the bride's house, and on approaching it he pays similar visits to the tombs of saints and the imambara there. In the meantime the bride has also bathed, put off her Hith maniha dress, and put on another which has been prepared either in her own house or in that of a relative.

1380. When the time for the arrival of the bridegroom approaches, the bride's maid-servants set out on the road on which it will come, carrying with them rice soaked in water and a newly-made ladle (St doi), to which is tied a piece of red cloth. They stop at a well or a river, lay the ladle down on the ground, and cross over it one by one, eating the rice as they do so. They then dig up a texterior chirchirat shrub which they had previously noted, and carry it home, singing songs. The root of the tree is ground up and made into pills, which are administered to the bridegroom on the night of the salar jalwa (§ 1384).

1381. The sending of presents.—This is called বাৰক (আইন)
sāchak. Before the arrival of the marriage procession a বহা bari is sent

^{*} An imāmbāra is, according to Bihar tradition, a building erected in honour of the celebrated martyr Imām Hassan, the grandson of Muhammad.

[†] Achyranthus aspera, said to be of sovereign virtue to one bitten by a venomous reptile or stung by a scorpion, &c.

to the bride's house. This word has two meanings, viz. (1) a dish of cooked pulse, and (2) that here referred to,—all the following presents taken together. It consists of:—

- (1) Dresses for the bride, of from one to twenty-five suits. The first suit, or wedding dress (বাল কা লাভা rīt ke jora), is also called the মাহাৰা (ঠাঠাঠা) shāhāna or royal suit. It is not worn after the fourth day of the ceremony. It consists of a pair of long drawers of satin cloth and a লামা jāma (see above) of brocade, tasar silk, or unight ekranga. A second suit, of also of fine materials, for the fourth day is called the নাখা কা লাভা chauthi ke jora; and a third suit, for the tenth day, ব্যৱহা কা লাভা dasahra ke jora. Each suit is of less value than the preceding one.
- (2) The chaplet, सिद्दा (। sihra, for the bride.
- (3) Some raw thread dyed with safflower. This is called বাজা nāra or কলাবা (১৬৬) kalāwa, and varies in amount from one or two chhatanks to a maund.
- (4) Some otto of spices, बोहाग के अतर (سهاک کا عطر) sohāg ke atar.
- (5) Sweet-scented oil.
- (6) A cone-shaped basket (called ৰাছান মহা sohāg pāra) of bamboo, coverd with red paper and containing ছুবাছৰ বা chhalchhabela, নাহ মীঘা nagr motha, বাৰ ছুৱ bāl chhar, the bark of the bay-tree (বল tai), cardamons, sandal-wood, grains of musk, nutmeg, mace, saffron, cassia, turmeric, &c.
- (7) Sweetmeats.
- (8) Fruits viz. almonds, pistachios, grapes, dates, cocoa-nut kernel, &c.
- (9) Spices for betel.
- (10) Fifty-two water-pots. These are small in size and are gaily coloured. In each a little rice, some betel-nuts and some mango-leaves, are put.

These things are carried on the heads of maid-servants in procession in trays, accompanied by torches, music, and fireworks. First comes a large tray carrying the royal robes, then small trays, on each of which is placed another suit, and then the rest. The whole is covered by a long piece of cloth called surrant daljhakna.

1382. In the meatime the bridegroom's dress is despatched from the bride's house, with a tailor, to meet the procession. The dress consists of a red sign jāma (see above), long drawers of silk often worked with gold and silver flowers, a turban covered with a red handkerchief on which is laid a garland, and over this a very thin handkerchief, called nation (silver) magna or veil, and a red handkerchief for him to carry in his hand. When the bridegroom is clothed in this by the tailor, he gives the clothes in which he has travelled so far to the barber, who follows the bridegroom, carrying an umbralla over his head. Then the ceremony of save (chi) nikah or religious marriage is performed, and dates and sweetments distributed to the assembled guests.

1383. After this the bridegroom goes on horseback to the . bride's house with great pomp, accompanied by a large party of men with torches, fireworks, and music. When they reach the house, all the men remain standing outside, while the bridegroom enters the female quarters of the house either on foot or horseback. There he sits on a wooden stool (which is given him in dowry), and his mother-inlaw (or if she be dead, some other female relation of the bride) comes to him carrying a plate containing a small lamp made of flour and a little stat arwa rice. She warms her hand at the lamp, and then touches the cheek of the bridegroom. While she is doing this, a woman comes and whispers in his ear the following Hindi verse " सीने में सीहाता, मूर्ड में ताता। जी दुलहा का मन दुलहिन से लाता।। sone men sohāga, sāi men tāga o dulha ka man, dulhin se lāga, i.e., borax* in gold. a thread in a needle, and the bridegroom fell in love with the bride." Then six married females (सोद्वाशिनी sohāgini) and the mother-in-law alternately touch the cheeks of the bridegroom with the अरबा arwa rice. He is then given some sharbat to drink. This is prepared in various ways: sometimes the wet hair of the bride after she has bathed is dipped into it, sometimes a small piece of sugar is put into her hand till it becomes moist with the perspiration, and then the sharbat is made of it, and sometimes it is made of a piece of sugar which she has taken into her mouth and crushed between her teeth. Then the bridegroom stands on the wooden stool, and a maid-servant carries in the bride in her arms, and touches the back of the bridegroom with her feet, and takes her away: then the bridegroom returns to his own party.

^{*} Borax is a flux for melting gold.

1384. The start jalwa. The day after the arrival of the procession, milk, a dish called मन्तीहा (ماليدة) malīda or sweetmeats, and sharbat, are sent from the house of the bride to the bridegroom's party. The Halida or sweetmeats are put into the milk and drunk by the bridegroom out of a cup of silver or copper, which is given to him afterwards in dowry. Then the others drink it. The same evening maid-servants come from the bride's house singing songs, and take away the procession umbrella, and under its shade seven married females grind the spices which came in the सोद्वास प्रा sohag para, and when ground, apply the powder to the hair of the bride, which they also tie with the नाइ। nāra or string which came at the same time. The scented oil is also applied to her hair. Then the bride puts on the royal dress, a garland of flowers, the chaplet चिहरा (with) sihra, and a veil, which is thrown over her face. She takes off all the ornaments of her maidenhood, and puts on new ornaments sent her by the guardians of the bridegroom. Black powder (सिस्सी missi) is applied to her teeth, and she is adorned in every other practicable way. During the day, it may be added, myrtle leaves have been applied to the soles of her feet to make them red. When she is ready, the bridegroom is sent for and he comes walking, preceded by a maid-servant walking backwards, and carrying a plate on which is a burning lamp, so arranged that the smoke is thrown towards the bridegroom. When he reaches the gate of the female quarter of the house, the mother of the bride, or (if she is dead or a widow,) any other married woman, meets him, and conducts him inside. The manner of doing this varies in different places. Sometimes the mother carries in her hand a plate in which lamps made of flour or silver are burning, and the wicks of which are of red cloth. A small quantity of the red thread (ৰাছা nāra) already mentioned is also laid on the plate. She walks backwards with her face towards him, and at every step throws down a piece of thread, and asks the bridegroom to pick it up and lay it on the plate. In this way, and at the same time touching his cheeks with her hand warmed at the lamp, she takes him into the inner yard, under the canopy In other places the mother-in-law gives him betel to chew, which he bites and throws away.

1385. When the bridegroom comes under the canopy he sits on a wooden stool near a bed. As long as he stays there his sister (or in her absence, a maid-servant) spreads a portion of her cloth (stri) ari) over his head. Then the match-maker (Hutti (abla)) mushata) throws a string round his neck, and pulling it gently, refuses to

^{1.} The word is a corruption of the Arabic jila.

let it go till she is paid something. A cloth is then hung between the bed and the stool, and the match-maker (who has also had charge of adorning the bride) makes her stand on the bed in such a way that the bridegroom can only see her face. She then places the two hands of the bride on her (the bride's) forehead, and moves the bride's head this way and that way. A coloured handkerchief, in which is tied rice and turmeric, is then given to the bridegroom, who throws it on the bride, and each time he does so he is given a betel leaf in which pieces of the root of the चिर्चिश chirchira shrub already mentioned are wrapped up. This moving of the head and throwing of the handkerchief is repeated seven times, and the ceremony is called जाना देव (جارة دينا) jalwa deb. The bridegroom then sits on the head of the bed, and the match-maker takes off the chaplet and veil from the face of the bride and shows it to the bridegroom, who for this favour gives her a present, and at the same time receives presents from the female relations of the bride. Sometimes, after this is done, a cup containing sandal-wood and a finger-ring of silver, which has a small cup made in the place where there is usually a stone, is given to the bridegroom, who, after dipping the ring into the sandal-wood, touches the forehead of the bride with it. In other places vermilion (चेंद्रर senur) is used instead of sandal-wood.

- 1386. Then the wife of the bride's brother,.i.e., the bridegroom's ঘটেল (ুল্লু) sarhaj, comes and sits on the bed, and throws little balls of flour at the bridegroom, who does the same to her. This ceremony is called মাই বিভাৰ gend khelab. A maid-servant then carries off the bride in her arms, followed by the bridegroom, who catches hold either of a corner of the bride's sheet (चहर chaddar) or her finger.
- 1387. It must be noted that throughout all these ceremonies the bride has kept her eyes shut, and never moves on foot, but is always carried in the arms of a maid servant.
- 1383. The bride and bridegroom are then made to stand in an outer room (इजान datān) and in the hands of both a little rice is put but the hand of the bride is turned backwards. They are then caused to toss their hands up in the air, by a maid-servant, and thus the rice is scattered through the house, and the bride says at the same time that she is filling the house of her father and mother. The bridegroom also says that he is filling the house of his father and mother-in-law. This ceremony is called II HII ghar bharab. The bride is then carried

off to a well-furnished room, where the bridegroom takes off her shoes with his own hands.

- 1389. The departure of the procession.—This is תּשׁׁשׁהֹ, rukhsati, and takes place on the third day after the above-mentioned ceremony. The bridgeroom is called into the female apartments, and he and the bride are given rice-milk בוֹע (khir) to eat. He affects displeasure, and refuses to eat with her. The mother then makes him a present, and he consents to do so. Then the bride and the bridegroom sit together on a carpet, and a small piece of sugar on a betel-leaf is placed first on her head, then on her shoulder, then on the palm of her hand, then on her knees, and lastly on her feet. The bridegroom is pressed to pick up the pieces of sugar from each place with his mouth, or at least with his hands. This ceremony is called नवाल प्रव
- 1391. The ceremony of fourth day _This is चौथा chauthi or Transfer chauthari. It takes place on the fourth day after marriage, i.e. on the day after the arrival of the bride and bridegroom at the latter's house. The bridegroom takes off the thread नाजा nara with which the hair of the bride had been tied. The women of the family then bathe the bride in the female apartments, singing songs at the same time, and the bridegroom himself bathes outside. Sometimes the bridegroom also bathes inside. The bride then puts on her dress made for this day (see § 1381), and the bridegroom also puts on the dress given him by his father-in-law. The bridegroom then enters the female apartment, and joins in the ceremony of चूआ jua, or gambling. Seven spotted shells (चित्ती कौड़ी chitti kauri) and a necklace (चन्दन द्वार chandan hār) are thrown up in the air. A maidservant extends the bride's hands, and the bridegroom his own, and both try to catch the falling necklace. The one who succeeds wins the game.
- 1392. Two or three days after the arrival of the bride in the bridegroom's house people come from her house to take her back. The bride's

younger brother and other relations may form some of the party, but not elders, such as the father or uncles. They bring with them presents of sweetmeats, rice, pulse, a goat, &c., varying in quantity according to means. Two or three days afterwards they return with the bride and bridegroom.

1393. The ten days' stay.—This time the bridegroom stays nine or ten days in his father-in-law's house. This stay is called the द्वद्रा द्वारा dasahra khāna. On their arrival a room is made over to the bridegroom in the female apartments, and the bride is made to walk into this room accompained by her female relatives and those of her husband all singing songs. This is the first time the bride is allowed to walk since the commencement of the ceremonies. Up to this she has been always carried about. When the bride approaches the bridegroom in this reom, he is expected to salute (यहाम salām) her. If he does not do so, showers of abuse are poured upon him.

This concludes the wedding ceremonies.

CHAPTER V.—BIRTH CUSTOMS GENERALLY.

- 1394. An adopted child is amongst Musalmans मोतमज्ञा (अंग्रंक) motmanna. Amongst Hindus he is पालक pālak, पोसपुत posput, or पोसपालक pospālak. Local names are पोसकेटा posbeta or पोसनालक posbalak in the south-east, and करता पुतर karta putr in East Tirhut. To adopt a child is पोसिया जैन posiya leb, गोद जैन god leb, or रास पर जैन rās par leb.
- 1395. When a woman cannot suckle her child, owing to pains in and hardness of the breast, she is called धन जिया thanailiyahi. Inability to suckle on this account is धने जो thanaili. When a child is not well nurtured owing to the untimely death of its mother, or to her milk running dry, it is called इधट्टआ dudhtutua or इधक्टआ dudhkatua. In South Bhagalpur it is क्या kalra.
- 1396. A seven-months' child is सत्वांस sātwāns or सत्वांसा satwānsa generally; also सत्वांस satwānsu south of the Ganges, सत्तमास satmās in North-East Tirhut, and सत्तमसूत्रा satmasna in South-East Tirhut and South Bhagalpur. An eight-months' child is सदवांस athwāns generally; also सदवांस athwānsu south of the Ganges, सदमास athmās in North-East Tirhut, and सदमसुत्रा athmasua in South Bhagalpur.

- 1397. An only child is एकजीता eklauta; also एकड्डा ekāhula in Shahabad and एकोनियाँ ekauniyān in South Bhagalpur. A first-born child is पहिंचीटा pahilautha. The youngest child, i.e., the last which a woman has, is called पेटपॉक्ट्या petponchhua or कोरपॉक्ट्या korponchhua. When a girl is born after three boys (which is considered very lucky), she is called a तेतर tetar, and she is even often named तेतरी tetri. In the south-east, however, a girl born after two and not after three boys is so called. A child whose elder brother is dead is called मराक् marāchh, or मरक्या marachhwa, or (in South Bhagalpur) मरोक्टा marochha, and (in North-East Tirhut) मक्टे machhaī. Such children are treated and dressed as girls, sold to the midwife for a few cowries, and brought back again and given opprobrious names, in order to induce the demon of death to think them of small account and not worth killing.
- 1398. When a woman has a child every year she is बरसाइन barsain, or in South Bhagalpur बरसेनी bursaino. A woman with only one child is एकींज ekaunj, or to the east काक वजना kāk banjha, or कौद्या वाँका kana banjh. The latter name is said to be derived from the children's game of काम द्वास kag durus, or "odd or even." In this game one boy guesses whether another has an odd or even number of cowries in his hand. If he guesses an odd number he says काम kāg, or if an even one दुवस durus. Hence काम kāg means an odd number, and specially 'one.' A barren woman is वास banjh, वास विद्या banjh bahila, or (in the south-west) वासिन banjhin. A woman after delivery, until the purificatory ceremonies are performed, is अलवाती alwanti or प्रश्तीती parsauti. The lying-in-room is north of the Ganges बोदरी soiri, and to the east also सोवर soer. South of the Ganges it is सौर saur, सौरी saure, or जुचा खाना jachcha khāna. In this a fire is kept burning for ten days after the woman's delivery. This fire is known to the north-east as अविवासी agiyāsi, and in South Bhagalpur as पोड़ा pora. Elsewhere it is पसंघी pasanghi, with a variant util pasangi in the south-west and in South Munger.
- 1399. The presents given to a woman in a state of pregnancy are known as ঘটাৰ sadhor. In South Bhagalpur such presents are given after delivery, and are called ঘটাৰা sathora. অন্তৰানা achhwāni is caudle given to a lying-in woman to produce milk. It is also called ঘটাৰ sothaur in the north-east and ঘটাৰা sonthaura in Gaya and the south-west. Another name current in the north-east is

অধ্যান adhrassi; in South Munger it is কৰেবা kadwa, and in South Bhagalpur আৰৌ মূভ ādo gūr. The longing of a pregnant woman is হাছৰ dohad or মৰ্বলৰ manchalab. The earthen cakes which she is fond of eating when in this condition are called ভাষাভ্য khapra.

CUAPTER VI.—CEREMONIES PECULIAR TO THE BIRTH OF A HINDU CHILD.

- 1400. When the labour pains commence, the चमाइनि chamāini or चमेनी chamaini i.e., the native midwife, is sent for. She is also called स्मारिन or हमारिन dayrin. On her arrival she puts a finger-mark (হাকা tika) of vermilion on the wall. This ceremony is called सोराही sorāri, and is supposed to hasten the delivery of the child. As soon as the child is born, the midwife washes the forelock (बट lat) and feet (me gor) of the mother, which operations are called जटधोनाइ latdhoāi and गोरघोत्राद gordhoāi respectively. She gets a fee (नेग neg) for doing this. The child's navel-string (are nar) is then cut. If the child is a महाक marachh (or महद्भा marachhwa). i.e., if the child which was born before it from the same mother is dead, the navel-string is all thrown away. Otherwise it is buried in the floor of the lying-in room, and over it the fire (पर्वची pāsanghi) is placed. The latter is called in South Bhagalpur प्रवर्ग pasni or घूर ghur. The child's body is then rubbed with कोडबार kothwar, which is the dust of a sun-dried granary (कोडी kothi), in order to take off the fætal excretion (जावर jāwar or stat jāmwar). The mid wife's fee for cutting the navel-string is नारकटाइ narkatāi or नरकटाइ narkatāi.
- 1401. When the child's body has been thus rubbed with dust, it is bathed in lukewarm water, and then the midwife throws it up in the air and catches it again five times. This is called অহিলা আকাৰে larika lokāëb. At the same time another woman strikes a brass dish (খাই বলাফৰ thāri bajāëb), and the mother holds in her hand a handful (অলুই anjuri) of grain, which last is the perquisite of the midwife. The afterbirth (জিনাজী lijhri or নাই ঘুইন nār purain),* &c., is then thrown away in a vessel called অঘুইং khapraur or (in Gaya) অঘুইং khaprauri, for which the midwife receives a fee called অঘুইং মুলাজ khapraur phenkāï.
- 1402. Two or three days after the birth, when the ঘ্টাছিব prohit or family priest has fixed on a lucky day, the ceremony of বস্থাবৰ

^{*} The after-birth of an animal, as distinguished from that of a human being, is that that or that $jh\bar{a}r$.

nahāwan is performed. This consists in नीम nīm (azadirachta Indica) leaves being boiled in water, and both the mother and child being bathed with the decoction. Then a handful of seeds of TE rai (mustard, sinapis racemosa) and จัสเรศ jenwanin (dill, ligusticum ajowan) is waved (নিস্তাৰ্ কৰে nichhāwar karab or আঁছৰ aunchhab) round the mother's head and thrown into an earthen cup containing fire. When the seeds are consumed, the cup is upset, and the mother breaks it with her left foot. Then she sits with grain in her hand, while the brass dish is again beaten, and the midwife again throws the child five times in the air. This all takes place in the court-yard of the house, and is done to avert the evil eye. It is the first day on which the mother comes out of the lying-in chamber. The same day this chamber is plastered over with fresh mud, amongst the rich by a maid-servant. and amongst the lower classes by the husband's sister ननद (nanad), who gets a fee for this, called बोइरो लिपाइ soiri lipāi or (south of the Ganges) सौर सिपाइ saur lipāi. The same day the washerman takes away the lying-in clothes (ऋतका के कपड़ा chhutha ke kapra), and washes them. His fee for this is called क्तका chhutka.*

- 1403. The next day after bathing, the barber pares the mother's nails, which ceremony is called नोहट्डी nohtungi or नहटड्डी nahtungi. and his fee is known as नोइट गाइ nohtungāi.
- 1404. On the seventh or eighth day, when the mother is first able to eat rice, the ceremony of बाँदी जोड़ा एवं kheñrhi jorāëb is performed A hole is dug in the ground, into which milk and water are poured. The mother sits close to it, and eats her first dish of cooked rice, From this day collyrium (कावर kājar) is put on the child's eyes. Before this, when oil was rubbed on the child's body, the child has been laid on its back during the operation, but henceforward it is laid on its face for the application. From this day, also, the mother gets a bed to sleep on. Upto this day she had been fed only on caudle and on a mixture of oil, turmeric, and molasses (इस्टी ग्र hardi gūr).
- 1405. On the twelfth day the ceremonies of दोनी भाजन doni ihankab and west chhathi are performed. Sometimes the latter ceremony is omitted. In the former, five दाँनी donni or दोना dona, which are a kind of platter, are prepared of leaves of the jack-tree (ক্তছ্য kathar). In these cakes (पूरी pūri), rice milk (क्रीर kkīr), &c., are placed. Sometimes the leaf platters are omitted, and rice milk, &c., is simply laid

^{*} The washerman caste is considered an unclean one because its members touch these garments.

on the ground over the cakes. Worship is then performed, and the articles eaten.

- 1406. The Edichathi or Edichathi ceremony is also called in Tirhut Educe shhathiyar or Edichathi. As its name indicates, it should properly be performed on the sixth day after birth, but this rarely occurs now-a-days. When it is held on the twelfth day it is also called att barhi. In this ceremony a kind of square marked with diagonals and made of cowdung is fastened on the wall. At every corner and intersection cowries are fastened, and the whole is painted with vermilion, and cakes, &c., are laid before it. The child is then oiled, has collyrium applied to its eyes, is wrapped up in a cloth, and placed before it. It is then dressed in new clothes, and rings (AFT kara) are put upon its arms and feet for the first time, and some money put into its hand. On this day also the child is named, and the relatives are fed.
- 1407. The ceremony of purification performed on the fortieth day after birth is called दिसा chhilla. In South Munger a similar ceremony takes place on the twentieth day, and is called वस्तीरो basdauri. The ceremony of first feeding the child with rice is called अन्परासन anprāsan, also (south of the Ganges) खिरखियार khirkhiyāï and खिरचरार khirchatāï. In Gaya it is निमन चसी nimak chasi, and in South Munger चरावन chatāwan.

CHAPTER VII.—BIRTH CUSTOMS AMONGST MUSALMANS.

- and the child is then bathed गोसल नरायन (فسل كران) gosal karācb. Sweetmeats are then consecrated (नियाल इंदन (نياز كران) niyāj karab) in the court-yard by the male members of the family, and the milk of a respectable and virtuous woman is given to the child in a shell (सिन्हा situha). This ceremony is called इंघिपलाइ dudhpilai. The people are then called to prayers by striking a brass pan (यादी thāri) with a stick, and this custom is called नम सलनात (الن صلوات) ban salwāt. In South Munger it is called ना सलनात bāng salwāt.
- 1409. The lying-in room, in which the mother (प्रश्ती parsauti is, is always kept warm with an अंगेटी angethi or moveable stove, and is called दौरी sauri, &c.; see § 1398. Caudle (अञ्चली achhwāni) is given to her to produce milk, and oil mixed with turmeric and molasses is given to her to make her strong. This last mixture is called हरही ग्र hardi

gūr. Until milk flows in the mother's breasts, the child is wet-nursed with the milk of the woman whose milk was given to it immediately after it was born.

- *1410. On the third day the mother and the child are bathed and dressed in new clothes, and the women of the neighbourhood come and sing songs, and receive oil and vermilion. Up to this the mother has had nothing to eat except the caudle and the mixture already mentioned, but now she is allowed to eat food and to sleep on a bed.
- 1411. On the same day the washerman takes away the lying-in garments, and the barber pares the mother's nails and shaves the child. The former operation is called אוני הואס and the latter שום הדואו (بالتراشي) bāl tarāshi.
- 1412. The fees of the midwife (चमेनी chamaini), of the washerman, and of the barber, are all known as परचौती के कमाद parsauti ke kamāi.
- 1413. On the same day the lying-in room is plastered over with mud plaster. This operation is known as situs fewer soër lipöö.
- 1414. On the fortieth day the consecration ceremony (নিয়াল (খু) niyāj) is again performed, and the relations are fed.
- 1415. Circumcision is ছারবা khatna or মুদ্ধর sunnat. See also § 386.

CHAPTER VIII.—DISPOSAL OF THE DEAD AMONGST THE HINDUS.

1416. The burning of a corpse is दाइ देव dah deb, आणि देव बंगां deb, दाम काव dagadh karab, or आर्ब jārab. In North-East Tirhut it is also बंद्या देव sanskār deb, and in the south-east आएव jarāēb. When a Hindu dies he is taken out of the house and placed on a bier. A bier is रखी ranthi generally; also दिवारी tikthi in South-West Shahabad, टाटो tati in the east generally. घाट dhath in North-East Tirhut, फड़की pharki in South-East Tirhut, and प्राथि chachri in South Bhagalpur. Sometimes he is simply placed on a bed (प्राथा charpāē or खिया khatiya). Four men, who are called मजिब के जिल्हा mujil le jānihār, or in South Bhagalpur कावलिया kankathiya, carry the bier on their shoulders and set it down on the ground outside the village. This is called नार विद्या nagar bistāñw, and is done in order that the people who are to accompany the corpse (who are called मजिब रा majiliha) may collect.

- 1417. After the departure of the corpse from the house the walls of the latter are plastered over with fresh plaster, and outside it are placed a stone, cowdung, iron, fire, and water for the Historian majiliha to touch on their return from the cremation.
- 1418. The four men who carried the bier take it on, when the people have collected, to the place of cremation on the bank of a river. This place is called অন্ধান asmasān, or মৃহেছই murdhatti north of the Ganges. In North-East Tirhut it is অন্ধান samsān. South of the Ganges it is বিহাহ chirār or বিহাহী chirāri, or to the South-East মহেছী marghatti or মহেছিয়া murghatiya. In East Tirhut it is also called মহেছ marghat or মহেছী murghatti. They then bathe the corps (বহুবাইৰ nahwāëb or অনুবাৰ কাহেৰ asnān karāëb). The heir or chief mourner (কাবো karta) then has his head, beard, and moustaches shaved (মহা কাহেৰ bhadr karāëb), and puts on a dress of mourning (ভাৰহী utri or কাবী kaphni). He then dresses the corpse in new clothes, viz a waist-cloth (কাক্য kachchha) and a sheet, washes its mouth, and then with the assistance of the other men places it on the funeral pile. To dress a corpse in this way is कामनायन kaphnāëb.
- 1419. A funeral pile is चिता chita generally, also चेती chaiti in Gaya and EIII sara in Patna and the south-east. To prepare it a trench is dug in the form of a cross and four pointed logs (EZI khūnta) are driven into the ground at each end, and between them the logs of wood are piled. When the corpse is placed on the pile, the chief mourner (करता karta) anoints its mouth with a mixture of गाउन quaul (gum of the amyris agallocha), barley, inceuse (qu dhūp), waternut (मखाना makhāna), honey, sesamum, and sweetmeats. He then buys fire (आर्गि मोल बेब āgi mol leb) from a डोम Dom (some, however take fire from the house), and with it lights a long torch (ज्ञा luka)? He then walks round the corpse five times, touches its lips each time with fire (पचकरमा pachkarma), and sets fire to the pile (द्राध करन dagadh karab). When the body is nearly burnt, each of the persons present throws five sticks into the fire. These are known as प्रकृतिया pachkathiya north of the Ganges; in Gaya and the south-west they are पँचआता panchāgi or पँचअतिन panchagin ; in Patna they are पँचलकडी panchlakri; and in the south-east as प्रकाट pachkath or प्रकारन panch kāthi. When the body is nearly all consumed, the fire is put out (पानि देन pani deb) with handfuls of water, and the remaining small unburnt portion is thrown into the river for fishes and tortoises (Head at machhkachh la). They then wash the place where the body

was burnt, and the chief mourner (करता karta) plants a tulsi tree near by, and writes on the ground the words राम राम rām rām.

- 1420. They then bathe at another landing-place (\(\frac{1}{4}\) \(\text{e}\) followed. Then the \(\frac{1}{4}\) tarta gets up first and walks towards home, followed by the others. When they arrive at the door of the house, they touch the stone, cowdung, iron, fire and water already mentioned, and then their left ears, each with the little finger of his left hand. This ceremony is called \(\frac{1}{4}\) \(\frac{1}\) \(\frac{1}{4}\) \(\frac{1}{4}\) \(\frac{1}{
- 1421. Offerings are sometimes made to the manes at the time of cremation, and these are called in Sonth Tirhut सस्मयान पूजा asmasān pūja, or पंचिष्टा panchpinda.
- 1422. The day after the funeral the atat karta goes to the place of cremation, and pours on the site of the pile a little fresh milk. This is called चिता संराण्य chita serāëb. He then comes to the village pāpal tree, where he finds the barber and the family priest (uilta parohit) waiting for him. The former has some fresh milk, and an earthen vessel (कॅटिया kuntiya) carried in a sling (सिकहर sikhar) or मं ज munj rope. There is a hole in the bottom of the pot, partially stopped up with a plug. The karta hangs this up on a branch of the tree, so that its contents will drip out throught the hole on to the root. He then fills it with milk and water and covers the vessel with an earthen cup (दिवानी dhakni). He then goes round the tree three times, and goes home. The whole of this ceremony is called auz zina ghant tangab. · On reaching home he feeds his relatives with rice-milk and urid pulse, and himself eats off a potsherd (aut khapri). Before commencing to eat, each person places a small quantity of rice and milk from his platter (पत्तल pattal) apart on another platter. This is called तआह नाट न ruah kārhab, and the whole ceremony is called दुधमँ ह dudhmuñh or दुधम ही dudhmuñh: and also दुधी dudhi in South-East Tirhut.
 - 1423. The same evening and every evening up to the tenth day (FERT daswān) after the death the ART karta lights a lamp made of mud and placed on the top of a stick. The first day it is placed at the spot where the deceased died. The second day at a little distance from it, towards the door. The third day further off again, and so on, it being arranged that on the evening of the tenth day it reaches the spot outside the door where the five articles (stone, cowdung, iron, fire, and water) were placed.

This rite is called दोया बाती dāya bāti, or (in East Tirhut) सुख राति sukh rati, and in Patna चिराम बत्ती chirāg batti. Up to the tenth day the बर्ता kurta every day after bathing throws into the river or the well a handful of sesamum (तिल til) mixed with rice and water. This is called तिलाँज्र इ व tilanjur dab.

- 1424. On the third day after the death the rite of বিষাৰী tirāti is performed, and in South-East Tirhut, on the fourth day, the অথমখন athsanchan. On the seventh day is performed the ভাৰত্যত satnahāëb. In this the male members of the family touch oil and oli-cake (ভাষা khari) and then bathe. When they return, the females do the same and on their return to the house they put oil and vermilion on their heads, and a little gram soaked in water (অক্ত্ৰী akuri) is given to each.
- 1425. On the tenth day is performed the rite of एसकास das karm, also called इसर्ग daswān, and in Tirhut इसातर dasgātr, and in North-West Tirhut इसाही dasāhi. On this occasion the male relatives shave their heads, and those who are sons of the deceased their moustaches also. Then the Brahman who performs such obsequies, and who is called कार्यास kantāha or महावासन mahababhan, comes and performs the ceremony of making obsequial offerings using pinda parāëb. If the deceased is a male this Brāhman gets as a fee all the requirements of a man (clothes, bed, shoes, umbrella, fan, dishes, lota, &c.), and, if a woman, all those of a woman. On the eleventh day offerings (fuer pinda) are again made.
- 1426. Brāhmans are then feasted. This is called अमभोज brambhoi भीज bhoj or कारज kāraj. Amongst Brāhmans this takes place on the 13th day after the death, amongst Rajpūts on the 14th day, amongst Vaisyas and amongst some Sudras on the 16th day, and amongst other Sudras after the expiry of a month. The ceremony is as follows :- In the day-time, the परोद्धित prohit or family priest performs the fuest pinda ceremony, and after it the atal karta sits on a square marked on the ground (that chauka). A new turban is tied round his head, and he is dressed in new clothes. This is called unes वसाएव pagri banhāëb. The relatives also put into his hand an offering of money, called नेवता neota. Brahmans are then fed (बचान च वनार brahman iconar). Afterwards, in the evening, the caste brotherhood are fed. On this day the widow of the deceased is clothed in her widow garments, which are known as igait rant sari, or (in Tirbut) र इसार ranrear. Amongst the upper castes this is a white cloth, but amongst the lower ones it is a coloured one.

- 1427. In the case of the death of a male, বিজ্ঞা pinda ceremonies are performed six months and a year after death: the first is called হ্লাইটা chhamasi, and the second ব্যাহা barkhi. When, however, a marriage has to be celebrated in the family, the ceremony is performed three months after death, and is called বিশ্বাহা বিশ্বাহা tinpakhi ke pinda. On all these occasions also Brāhmans and the caste brotherhood are fed.
- 1428. When all the funeral ceremonies have been performed in the orthodox way, they are called निश्चि करम kiriya karm. When the body is merely thrown into a running stream, it is called प्राह parwāh or जनप्राह julparwāh. On five days in the month a body must be burnt with five effigies of क्षस kus grass (poa cynosuroides). These images are known as जस्पत्र kusputr, and the days as प्यक्त panchak or प्यका pachka. In the south-east they are प्यक्त pachchak. The visit of the women to condole after a death is मुँह देखन munh dekhab, प्रहारी puchhari, or प्रारो puchhāro.
- 1429. Some Hindu and semi-Hindu sects and castes bury their dead. The principal of these are Kabirhas (কৰিছো kabirha), Saiva mendicants (অবীয় atīth or ঘৰ্ষাৰী sanyasī), Sib Nārainis (ঘিৰণাইণী sīb naraini), and Mushars (মুম্ব্যু mushar). To be buried is ঘ্ৰাম্থি (or ঘ্ৰমায়) ত্ৰৰ samādhi (or samādh) leb, and to bury is মেহা হ'ব mitti deb or ঘ্ৰমায় ম'ৰ ঘাৰে samādh meñ baisāb. The body is bathed and dressed in new clothes, the necklace (মৃত্যু kanthi) and sectarian mark (বিলক্ষ tilak) are put on his neck and forehead respectively, and he is seated in the grave facing the north with the feet crossed under the buttocks (पञ्ची वेसन palthi baisab) and with cakes in his hand.

CHAPTER IX.—DISPOSAL OF THE DEAD AMONGST MUSALMANS.

 सामो (العاني) sāfi. The waist-cloth is then taken off as unclean, and is given to the barber, who attends to call the relations, and when they are assembled, to look after their refreshment. A fresh waist-cloth is then put upon the corpse. Amougst the Sunnis this washing is generally done by friends of the deceased, but amongst Shias there is a special class of men who perform this work. The water with which the corpse is washed has been boiled with leaves of the बर bair tree (zizyphus jujubā), and to this plain water is added. This washing is said to preserve the corpse from decay for a short time.

- 1431. A sheet is now taken, and a hole torn in the middle, through which the head of the corpse is put. The rest of the sheet hangs down before and behind. It is called मत्स jhul or कपनी (كفني) kaphni. The corpse is then laid on a bed (चारपाइ chārpāi). decently covered with a sheet, and taken to the grave-yard, which is known as क्विस्तिन (قبرستان) kabristan. The funeral itself is called খনালা (جناع) janāja. The prayers recited at the grave-yard or in the yard of a neighbouring mosque differ for men, women, and children. After their recitation the corpse is laid in the grave with the head northwards. The grave is then roofed over with bamboos o planks, over which some thatching grass (भाजास jhalās) is laid, which is plastered over with mud. It is then filled up with dried earth every member of the funeral procession assisting in doing so. This is called सिटरी इ व mitti deb. Before the party leave the grave-yard, alms (दिरात khairat) are given to beggars. The man who digs the grave is a नीनियाँ noniyān, and his fee is known as क्वर खोदाइ (قبر كهردائي) kabar khodāï.
- 1432. For four days after the death nothing is cooked in the deceased's house, and the family is supplied with food by the relatives. On the third day the brethren all assemble in an open place and $1\frac{1}{4}$ or $2\frac{1}{2}$ seers of gram, some flowers, betel-leaf, and sharbat, are taken there. Each man then takes up a grain of the gram, and after reciting a benediction over it drops it on a cloth spread for the purpose. The benediction is called $\{(2)^{2}\}$ darād. They go on doing this till all the grain is exhausted. It is then given to beggars, and the sūra or chapter of the Qur'ān entitled qul huwa-l-lāhu is read. Each one then drinks sharbat, takes betel-leaf, and the meeting separates. This ceremony is called by the educated $\{(3)^{2}\}$ kul, from the first word of the title above quoted. By the ignorant it is called $\{(3)^{2}\}$ hūl. It is the conclusion of the funeral ceremonies.

CHAPTER X.—CEREMONIES AT PLOUGHING AND SOW-ING AND TRANSPLANTING.

- 1433. In the south-west on the first day of ploughing the villagers scatter rice-flour over the plough and yoke. This ceremony is called enga samahut. A similar ceremony is the engaged harmahūrat north of the Ganges, also called enga samahut in Tirhut, in which a handful (not mūnth) of grain is thrown into the field at the north-west (next bhandār) corner. In South Munger the plough is worshipped. The ceremony is called explain harmotar, and in it a vessel of water is poured over the plough in the name of the earth-goddess exal engaged.
- 1434. In South-West Shahabad the मृद्ध पूजा muth puja is the feast at the time of commencement of sowing. The villagers give handfuls of grain to the herdsman and watchman. It is also called ভिতৰত पूजा dihwār pūja. In South Bhagalpur the मृद्ध पूजा muth pūja consists in the cultivator feeding his labourers on rice and milk.. On the last day of sowing broadcast, a small quantity of seed is brought back to the homestcad and shut up in an earthen pot (क्रांड्र kūnra) after which food of extra quality is prepared. This is called generally क्रांड्र क्रांट्र स्वाम्यायावा or क्रांड्र क्रांड्र क्रांड्र स्वाम्यायावा in Champāran.
- 1435. On the first day of transplanting rice a feast is given. This is called पहिरोप pahirop in Patna, and पहिरोपा pahiropa in the south-east. In East Tirhut it is खित भोज khet bhoj, or खित भोजनी South of the Ganges on this occasion the cultivators face khet bhojni. the east and plant five rice seedlings (Hit mori). This is called पंचाइड panchāith in Shahabad, and पचांटी pachānti elsewhere. On the same occasion in South Bhagalpur wine, milk, fried grain, and oil are offered to the gods who protect the field from blights and mildews. This ceremony is called niet gochhi. In South Munger on this occasion a deity of the मसहर mushar caste, named म इकटना murkatwa is worshipped. The legend about him is that a cultivator once sent this man, who was his labourer, home from the fields to get some seedlings. On the labourer's return the cultivator observed a spot of vermilion (सेन्डर senur) on his forehead, and concluded that he had been debauching his (the cultivator's, daughter, who was at home at the time, and had given the seedlings. The man was quite innocent but the cultivator in a rage killed and hid him in the earth. He is hence worshipped as a martyr, especially by his caste-fellows

North of the Ganges, on the first day of transplanting a feast is given to the neighbours. This is known as मना gawa or माना $g\bar{a}wa$, and to give it is मना चेन gawa leb or मना समापन gawa lagāëb.

- 1436. The feast at the conclusion of rice transplanting is আঁলজা aunjli in South Bhagalpur, ৰন্তৰ্য banusra or বনুৰাহ banusār in Gaya, and ভহাত্ৰী uchhāri or বন্তৰাৰ banukhāo in Patna. In Sāran, when the transplanting is over, a handful of seedlings is planted with ceremony in a corner of the field. This is called কনা উহ্য kena dehri.
- 1437. In planting sugar-cane, before commencing, the direction of the wind is tested to judge of the probability of rain. This is called प्रव परिच्छा paban parichchha in the north-west. The day on which the planting of this crop, as well as of the spring crop, is commenced, is called मृष्ट mūth, and when it has come they say मृष्ट जागल mūth lāgal. When the planting is concluded five long canes are planted in the middle of the field. This is called प्रवास panchukh or प्रविष्ट panchukh north of the Ganges, and प्रवाह pachkhānr south of it.

CHAPTER XI.—HARVEST CEREMONIES.

- 1438. When the crops are cut, some of the new grain is taken home and eaten with certain ceremonies. This feast is known as ने बान newān or नेवानी newāni, or to the south-east as ने मान neman. When the grain is collected on the threshing-floor, a cake of cowdung is placed on the top of the heap to avert the evil eye (see § 839). South of the Ganges worship is also done to the village deity or दिश्वार dihwār. A similar worship in South Bhagalpur to propitiate ghosts is called रानो प्रवा dāno pūja.
- 1439. The ceremony of the first cutting of the sugar-cane takes place, south of the Ganges, on the festival of the ইব্রান deb uthān or হবান deothān. This takes place on the 11th of the bright half of Katik (i.e., early in November), and is said to be the day on which Vishnu wakes from his four months' sleep. In South-West Shahabad, on this day, the villagers tie a few canes together by the leaves, and place a neck-ring (इ'स्तो hansuli) on the top. They then pour perfumes over it, take the neck ring away, and commence cutting. When the crushing of cane is begun a ceremony is performed, called furt pithār in South-West Shahabad, समहत्त samahut in the rest of that district, u तावन petāwan

in Patna and Gaya, and unar pachghan in the south-east (see also § 299).

1440. In Shahabad, on the first day of crushing cane, the villagers take some juice home to cook with rice. This dish is called হৰৱাত rasjāür. The ceremony at the first boiling of the juice is মিতাই mithāï in the south-west, and বিহলী sirni in Patna and Gaya. A similar worship of a god, who is called কাইলা মানা Koïla Māta, exists in the south-east. This god exists elsewhere as a deity protecting wells.

CHAPTER XII.-MISCELLANEOUS.

- 1441. Among the lesser known festivals may be mentioned the following. The ভাষে আঁবার or ভিষামা chirāga is, south of the Ganges, a festival held in honour of the Musalman saint :মাভাই, মাধাই Makhdūm Shāh. It takes place on various dates in different places, e.g., in Patna City it takes place in the month of Bakrā'ād (about December), and at other places in Bārah wafāt (about March). মাভাইমানা makhdumāna is a rite performed in his honour by landlords.
- 1442. The ছত ৰাল chhath bart is a Hindu festival in honour of the sun held on the 6th of the light half of Katik (early in November) The হ্ৰাল uুলা dawāt pūja is held by men of the Kayasth caste on the 12th of the light half of Katik (i.e., the day but one after the diwali). On this day they worship their inkstands and will not touch pen and ink.
- 1443. In the north and east, on the 3rd Bhandon (August September) occurs the বাঘ tij, on which women fast a day and night in honour of the goddess ঘাৰ্বী Parbati, and eat অনু sattu (ground parched grain) next day. On the last day of Bhadon occurs the অৰল anant or অনন anat, on which day both men and women fast. In the same tract the বহুতা bahura is a festival on which the women eat una sattu with sugar and clarified butter.
- 1444. The अखरतीच akhartīj in Patna, अखरतिचिया akhartijiya in Gaya, and अखरतीच akhartīt in South-West Shahabad, is the feast on the 3rd of the light half of Baisakh (early in May), on which the obligations of the spring harvest are cleared off. In South Bhagalpur it is called आहे तिरतिया achhai tirtiya.

- 1445. (In the 5th of the light half of Sāon (early in August) occurs the feast of the नाम पद्यमी nāg panchami, also known as जाम पद्यमी lāg panchmi in North-East Tirhut, नक्षणींचे nakpānche in Shahabad, नमपाँचे nagpānche in Patna and Gaya, and जमपाँचे lagpanche in the south-east. On this festival the women mark their houses with lines of cowdung, and worship रचनाम sesnāg (the serpent of Eternity) with milk and parched grain (जांचा lāwa). On the मोचर पाँचे gobar pānche, which falls on the 5th of the dark half of the same month (late in July), the same god is often worshipped in Patna instead of on the former festival. This is called चेहरा पाँचे behra pānche in South Bhagalpur.
- 1446. गोधन godhan is a woman's rite in which they make cow-dung figures of scorpions, snakes, &c., and beat them. To the south of the Ganges, in Bhādoñ (August-September), the women fast for twenty-four hours and make cowdung figures of Ganes and lay brambles (साइ मूड़ jhār jhūr) in the court-yard, saying the words उपपान नास मेंग्र धरम साइ सूड़ च सिमान हो appan karm bhaiyak dharm jhār jhūr ghusiāwe hi, an incantation which literally translated means, 'I cause my own fate and my brother's virtue to enter the bramble.' This incantation is supposed to benefit the speaker and her brother in some mysterious way. A similar ceremony is called **सरमा धरमा** karma dharma in South Bhagalpur.
- 1447. The বিভাবেষা jiitiya to the west and the বিবিষা jitiya to the east is a fast and worship performed by women on the 8th of the dark half of Kātik (late in October) for the benefit of their children.
- 1448. In Patna the festival of the holi festival (full moon of Phagun or middle of March) is distinguished by the custom called gaid lukāri or gaarel lukwāri. In this, at night, the village children throw lighted torches across the boundaries of the village into the neighbouring village. This is supposed to be lucky for the village which throws, and unlucky for the village which receives, and is a source of frequent fights.
- 1449. On the day between the 15th of Chait and the 15th of Baisakh (about the 15th of April) when the sun enters the sign of the Ram (में बार्सि), it is customary to feed Brāhmans with सन् sattu (ground parched barley), दिकोड़ा tikorha (immature mangoes), and water, and to give alms. This feast is called the सन् बादन satuāin or सन्वान satuāni. In South Bhagalpur this festival is held on the last day of Chait, i.e., the last day of the

Bengali year. On the following day there is in Tirhut a curious festival, called the जूड़ होतज jār sītal. The people rathe in water drawn the previous night and eat food cooked at that time, after worshipping दिवजा देवी Sitla Debī, the goddess of small-pox. Then from morning till noon all classes, rich and poor, cover themselves with mud, and shower it on all whom they meet. No one is free from this mud bath. In the afternoon the people go out with clubs and hunt jackals and hares and whatever animal they can find in the village. On their return home they boast of their valour in having killed this and that jackal, and the phrase जूड़ सीतजन सीपाही jūr sītalak sipāhi is used like मोहरम के सिपाही maharram ke sipāhi to signify a braggard.

CHAPTER XIII.—ARBITRATIONS, OATHS, &c.

- 1450. A body of arbitrators is ঘ্ৰাহন panchāit to the north and west. In Patna and Gaya it is ঘ্ৰান panchīt or ঘ্ৰান pancheta, and in the south-east ঘ্ৰান panchait. The head arbitrator is called ধাষ্ম sarpanch, also south of the Ganges ভাষ্যে sardār or মহনা mahton. In Shahabad he is also called মহাৰ mahān, and in South Bhagalpur মৃত্ত mañrar. A caste assembly is বাহা chatāi (lit. a mat) or মহাৰ pangat (lit. sitting in a row), and its head arbitrator মহাৰ pardhān or মাৰ্ভৰ mānjān. In Shahabad the man next to the chief is called the হাইয়ে chharidār.
- 1451. When one party in the case challenges the opposite party or a particular person to an oath, the phrase used is इसर करंड hasar karab; also दाइन dhārab in Patna, Gaya, and the south-east. The oath may be on the ammonite (चाडायास sālgrām or चाडिनारास saligrām), a copy of the Sanskrit इरिन्स haribans, or on Ganges water (महा चल ganga jab). When Ganges water is placed in a copper vessel with some leaves of the holy basil (Ocymum sanctum), the oath is said to be by तुस्की तौना tulsi tāmba. Or a man may lay his hand on his son's head (च टा का चिर पर हाँच में beta ka sir par hānth dhai kañ), in which case his son is supposed to die within a year if he tells a lie, or he may touch a Brahman's legs and swear by them (जाइन के गोर इस के Brāhman ke gor chhu kañ). In Shahabad one form of oath current is to pour forth some country liquor. This form is known as महादेन madāin. The oath taken on a cow is known

as मौ किरिया gau kiriya. The man who swears by this oath sometimes holds the animal's tail, and sometimes simply touches it. In these cases the man before swearing bathes and puts on new clothes. of the Ganges the মুভ ভা gurura is a circle drawn on the ground in which the man who takes the oath stands, or from which he takes the thing claimed. The belief in these oaths is, throughout the country, very genuine, but perjury is sometimes attempted. One common trick when swearing with one's hand on one's son's head is to substitute some one else for the son. The writer remembers in the year 1879, when he was in camp in Darbhanga district, a curious incident. License-tax assessments were being held, and one well-known money-lender offered to swear on his son's head that he lent no money. The challenge was accepted, and the oath taken. Curiously enough the son was next day seized with what was said to be cholera, and the man came to the writer, and insisted on his name being written in the highest class of assessees. This was done. It is satisfactory to know that the son recovered. Babhans are popularly supposed to have little fear of the sanction of an oath, as witness the following proverb, - सील, सत, हरिवन्स ले, बीच गङ्गाक धार, एतेकले वाभन, तँ ना करह इतिवार sil, sut haribans lai bich gangāk dhār etek lai bābhan tañ na karah itibar If a Babhan swear by the ammonite, his son, the Haribans, and in the midst of the Ganges,-don't believe him.

1452. To excommunicate from caste is हुका (or हुका तमाकू) बन्द करन hukka (or hukka tamāku) band karab. It is also कुनात करन kujāt karab or पँचाइत चें काट देन panchāit señ kāt deb. The headman of a caste is मुखिया mukhiya, चौधरो chaudhri चरहार sardār, or माननन mānjan. Amongst the Telis and Chamārs he is also called महतो mahton महता mehtar, or (in South-East Tirhut), महत्व mañrar.

CHAPTER XIV.—MISCELLANEOUS SUPERSTITIONS.

- 1453. A wizard is ओमा ojha or जाड्या jādūgar. Other names also used are सोखा sokha in South-West Shahabad, गुनी guni in North-East Tirhut, डेया daiya in Patna, भगत bhagat in Patna, Gaya and the south-east, and also भगतिया bhagatiya and चिट्या chatiya in South Munger. His enchantments are जाडू jādu or ओमाइ ojhāï, also भगताइ bhagtāï in South Bhagalpur. A witch is डाइन dāïn.
- 1454. An omen is सगुन sagun, and also north of the Ganges भगुन shagun. A good omen is सम्बद्धा सगुन achchha sagun, or in Shahabad

सुलभ संगुन sulabh sagun. An evil omen is जुसगुन kusagun, also in the north-west वर प्रगुन badshagun, and in Patna and Gaya नच्छ nahas. In East Tirhut it is असगुन asgun. Other names are जुसाइत kusāit (an unlucky time) and जुलाचा kujātra (an unlucky starting).

- 1455. There are a vast number of village gods ((আম ইবলা grām deota) worshipped throughout the province. The principal amongst them will shortly be mentioned. A কালো অহাৰ kāli asthān, also called ইবা অহাৰ debī asthān or ইবা আৰ debī thān, which is a mound in honour of Kāli, the wife of Shiva (বিৰ Sib) is generally erected outside each village. In Tirhut under the village pīpal tree there is generally a mound, decorated with clay images of the principal personages in the epic connected with him, erected in honour of the Salhes who is mentioned in the following list. This is called a অহ্য অহ্যাৰ salhes asthān. The mound erected to a deceased Brahman or holy man is generally called a ব্রম অহ্যাৰ barham asthān.
- 1456. The following is a list of the principal village deities worshipped in Bihār. The more well-known deities, such as ভিৰ Sib, মহুইৰ Mahādeb, বাহুম Barhom (Brahma), or ক্লিয়াৰ Krishn, are omitted. It will be observed that some of them are demons, who are worshipped in order to propitiate them.
 - असता भवानी Amta Bhawāni or अखिका भवानी Ambika Bhawāni, a form of Debi worshipped in Sāran.
 - कारू कीर Kāru Bīr or कारू दास Kāru Dās (south), also कलुन्या बीर Kalua Bīr (Patna), worshipped by Doms and Dusādhs.
 - कुल देवता! Rul Dcota, the family god.
 - नेतुन गोसाँदे Kaituk Gosāñiñ, worshipped in South Bhagalpur by Dusādhs.
 - कोश्वा भारता Koëla Māta, the goddess of a well spring, worshipped generally
 - कोहर कट्टा Kodar Katta, worshipped by Doms in South Bhagalpur.
 - कोल Kol, worshipped in Gaya.
 - ৰাভ বিহুহ Khāje Khidar, the patron god of the boatman (মৰাছ malāh) caste. He is also often confused with a similar female deity মন্ত্ৰা মাহ Ganga Māï. Musalmān women fast on every Thursday in the month of Bhadon (August-September) and call the fast আই বিহুহ কা হোৱা khāje khidar ka roja.

खेती भवानी Kheti Bkawāni (Patna and south-west), worshipped by Koïris when they plant and cut their vegetables. In Patna a Musalmān vegetable-seller (ज्ञंबदा kunjra) worships राम टाज़र kām Thākur.

गोवनाइ राउत Gobnāï Rāüt (north-west), a deified cowherd worshipped in Sāran and Champāran.

মাইয়া Goraiya or মাইসা Gorea, worshipped generally south of the Ganges and in Sāran, especially by Doms and Dusādhs; also called মাহিয়া Goriya (Patna).

चार्टो Ghaton, worshipped in South Bhagalpur by Dusadhs.

चतावन Chatāwan (Patna), worshipped by Doms and Dusadhs.

चिर्जुटवा पीर Chirkutwa Pir,—see डिइवार Dihwār.

दुइड़ मान Chuhar Māl,—see चनदेख Salhes, worshipped in the south-east by Dusādhs.

বাছৰ Chohat, worshipped by Doms and Dusadhs.

जारमा Jagdamma, the goddess of small-pox, worshipped in Patna and the south-east by Dusādhs.

जलासेन Jalāsen, the protector of bearers, worshipped in Sāran.

जीहरी बरम Janhari Barm, worshipped in Saran.

म्नुनकी बीर Jhunki Bor, worshipped in Gaya.

ভদাভাক Damar dāk, (south), worshipped by Doms and Dusadhs.

दाक Dāk, worshipped in Patna, Gaya, and South Munger.

বিষয় Dihwār (generally), also (Sāran and South Tirhut) বিষয়েবা দা Chirkutwa Pīr. This is a very generally worshipped deity. There is supposed to be a separate one for each village. Every one who passes by throws a piece of cloth on his image.

চেলা দাব Dheiha Pir (north) or টেলা মাৰাই Dhelwa Gosāñiñ (south), in whose honour a heap of earth is erected on the road-side, to which every passer-by adds a clod. He protects wayfarers.

देवी Debi, the popular name of the goddess Durga.

धरमनाथ Dharmnāth, an incarnation of Sib, worshipped in Saran.

भारत याचेन Nāëk Sāheb, worshipped in Patna.

ন্ম Nāg, the snake god. Worshipped generally. In Sāon (July-August) crowds of women calling themselves his

wives (नामिन nāgin) go out begging for 21 days, during which period they neither sleep under a roof nor eat salt. Half the proceeds of the begging are given to Brāhmans and the other half invested in salt and sweetmeats, which are eaten by the whole village. During the expedition several characteristic songs are sung, some of which have been published by the Asiatic Society of Bengal.

महिंचन दाइ Mahthin Dāi, worshipped in the south-west.

पहास वर Pahās Bar (Patna and Gaya), worshipped by Doms and Dusadhs.

पाँची पीर Pāncho Iīr, the five saints named गानी मीयाँ Gāji Mīyān हरीला Hathīla, परिहार Parihār, सहजा मार Sahja Māï, and अवन सालार Ajab Sālār. They are worshipped by Musalmān drummers (डफानी daphāli), who during an outbreak of cholera act as village Musalmān priests. They go about, beating drums, with an iron bar wrapped in red cloth and adorned with flowers, which represents गाजी मीयाँ Gāji Mīyān. They are paid in kind by the people at whose doors they stop and drum. A पँचपिरिया panchpiriya is a Hindu who worship Musalman saints. In Shahabad these five saints are worshiped conjointly with three others, as mentioned in the following verse:—

त्रमना सती, पाँची पीर, लंगड़ा तार, सीबरना तीर Anna Sati, Pāncho Pīr, Langra Tār, Sobarna Tir.

Langra Tār is simply a crooked wire which is worshipped. Sobarna Tār means the banks of the river Sobarna.

पारस नाथ Pāras Nāth, worshipped by bankers (महाजन mahajan). पूल डाक Phul Dak (Gaya), worshipped by Doms and Dusadhs. वसतीर Bakhtaur, a deified cowherd worshipped in South-East Tirhut.

बंदीतनी Bandautni (Gaya), worshipped by Doms and Dusādhs. बंदीत Bandaut (Gaya), worshipped by Doms and Dusādhs.

बन्नो Banni (south-west), worshipped by Doms and Dusadhs.

बर्द्विनया Bardwaniya, worshipped in Patna.

बरहम दव Barham Deo, worshipped in Gaya.

वसावन कुँचार Basawan Kuñar, worshipped in Gaya.

बहोड़ Bahor, worshipped in Patna and South Munger by Dusādhs. बिस्सी बरस Bidesi Barm, worshipped in Sāran.

विसद्दा Bisahra, worshipped in North-East Tirhut.

भैरव Bhairab or भेरो Bhairo, worshipped by cultivators in the south-east.

सकार बीर Makar Bir (north and east),—see § 299.

मनसा राम Mansa Rām (Patna), worshipped by Doms and Dusādhs.

सनानी हानी Manāno Dāno, worshipped by Doms in South Bhagalpur.

मनुषद्द Manus Deo (north and west), worshipped by Doms and Dusādhs.

मलहानी Maldano (south), worshipped by Doms and Dusadhs.

ससान Masān (Patna), warshipped by Dusādhs and Doms.

मद्दमाया Mahmāya, the goddess of small-pox.

महाबीर Mahābīr, a form of Hanuman, the monkey-king who befriended Rām.

माता हाइ Māta Dāi or सितली Sitli, the goddess of small-pox.

मीर फजुला Mir Phajula, a Musalman saint worshipped in Saran.

मेच्र डाक Meghu Dāk (Patna), worshipped by Doms and Dusādhs.

मैंबा Maiya (Patna and south-east), worshipped by Mushars, Dusādhs, and Doms,

मोती राम Moti Rām, brother of चक्ट्रेस Salhes (q.v.), and worshipped in the south-east by Dusādhs.

रघुनी डाक Raghuni Uāk (Patna), worshipped by Doms and Dusādhs.

19 Raghu, worshipped in South Bhagalpur by Dusadhs.

राम टाक्स Rām Thākur, worshipped in Patna and the south-east. See also खिती भवानी Kheti Bhawāni.

राम बीर Rām Bīr (Patna), or राम गीचाँइँ Rām Gosāñiñ (Gaya), worshipped by Dusādhs.

ped by Doms and Dusadhs. The ceremonies are a kind of fire-worship, in which the devotees run along a trench filled with blazing coals.

जीना डोम Lila Dom, worshipped by Doms in South Bhagalpur. इनिचरा Sanichra (south-west), a god worshipped by vegetable sellers (तुरहा turha).

दसदो Ealkho (south-west), worshipped by Doms and Dusadhs.

und Dusadhs. He was a great hero and the first watchman He fought a battle with স্বন্ধ মাল Chuhar Māl of Mokāma, who was the first thief. A famous epic concerning him is current in Tirhut, and has been published by the Asiatic Society of Bengal.

साइजाही माद Sahjadi Mai, worshipped in the south-west.

सिंगेसर Singesar, worshipped in North-East Tirhut.

इरिराम बरम Hariram Farm, worshipped in Saran.

हरीहर नाथ Harihar Nāth, in Saran, at Sonpur.

1457. A spell or charm is गुन gun or मन्तर mantr. होटका tot ka होटमा totma, or टोना tona, are spells or charms generally with an evil object. In Shahabad they were दोटाम totram; in Patna and Gaya they are optionally Editi uditi utara patara, and in South Bhagalpur निमाका कीरी ningchha chhori. he जिया दान jiya dan, जिनदान jib dan, or बिल्डान balidan, is an animal, &c., sacrified to काली Kāli as a kind of scapegoat. In cases of sickness various articles are exposed in a saucer at a cross-road. This custom is supposed to communicate the disease to the first person who touches it, and is called sin joa or जोग टोन jog ton, or in South Bhagalpur खोमा टेम ojh tem. contents of the saucer vary with the disease demon to be propitiated. There are generally some red छोट्रील orhaul (hibiscus) flowers some sand, grain, and yellow cloth. If a ghost भूत bhut has to be propitiated, wine, or even a fowl, is laid there. In cases of small-pox, the cloth with which the sores were dressed is frequently put out, which often makes the superstition about communicating the disease a lamentable reality. In South-East Tirlut an oblong mound studded with flags to avert cholera is called आंबरिक āsrik. The खटोला khatola (north of the Ganges) is a miniature bedstead hung on a tree as a propitiatory offering.

1458. The following is a list of some of the various demons, ghosts, and other supernatural bogies believed in in Bihar. Those which are worshipped, and which hence have been included in the former list, are omitted.

- चामि बैताल Agi Baitāl or चामिया बैताल Agiya Baitāl, a hideous demon which lurks in trees, lives on dung beetles, and seizes wayfarers by night.
- कोचीन Kōchin (South), a kind of Lamia. She assumes the shape of a beautiful woman, and visits and seduces any man whom she may meet in a lonely place. The man dies within a few months of his yielding to the temptation. She has feet back to front, i.e., toes behind and heels in front. Hence the wise may recognize her.
- ঘাঘা Ghoghar (north-west), a ghost invoked to frighten children.
 বহু আ Chatua or বছু Chahta (north-west), বহুনা Chatua (north-east), a vampire who drinks up the milk of cows and women.
 In South Bhagalpur he is called খাবে মহুনা Chor Matka.
- चुड़ें ब Churail, also (in Shahabad) बहरिया Bahariya, an evil spirit which assumes the shape of a bird and sits on the roof of a house which contains a pregnant woman. This injures the child.
- जिलेया Jilanya or जात या Jalwaiya (south), or (South Bhagalpur) मरचिड़िया Marchiriya, a fiend which takes the shape of a night bird, and is able to suck the blood of any person whose name it hears. Hence women are very careful about calling their children by name in the night time. If it fly over the head of a pregnant woman, the child born will he a weakling. Such a child is called जिल्लेया के क्ष्यल jalwaiya ke chhūal.

जिन Jin (north), a ghost, goblin, genius, 'djin.'

डूबा Dūha,—see ब ड्रा būra.

धोका कसवा Dhokar Kaswa, a man with a bag who carries off naughty children.

नेको बीबी Neki Bibi (Gaya and south-west), a ghost invoked to frighten children.

पन दूवी Pandūbi,—see वड़ा būra.

बरम पिचास Barm Pichās, a kind of ghost or goblin.

बर्डे Būi is a ghost invoked to frighten children.

ब्हा Būra, डूबा Dūba, or पनडूबी Pandūbi, a water-demon, who drowns travellers.

बोफेर Baupher (north), a kind of ghost or goblin.

भाकुर Bhākur (north-west), a ghost invoked to frighten children. भव bhūt, a ghost or goblin generally.

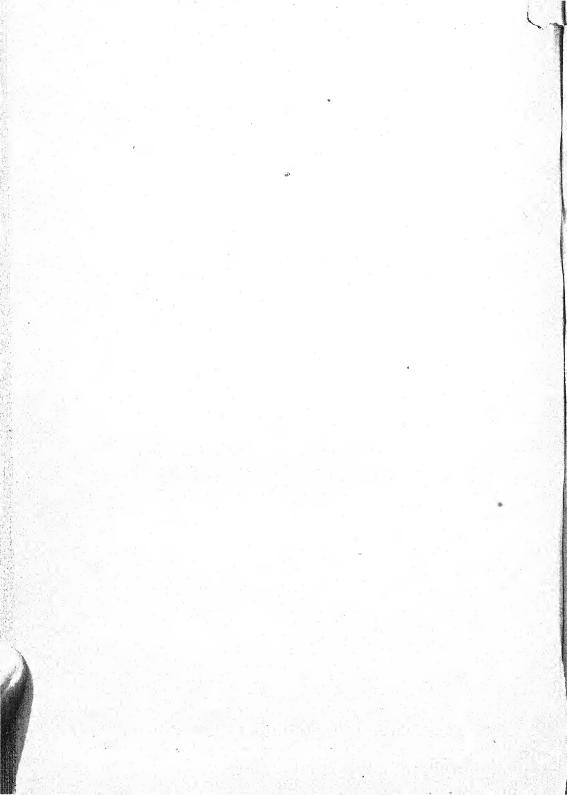
भोक्सवा Bhokaswa (south), a ghost invoked to frighten children.

मनुसद्देश Manusdeba (north), a kind of ghost or goblin.

मरचिड़िया Marchiriyu,—see जिलकेया jilwaiya.

माँचाँ Māñoñ (north), a ghost invoked to frighten children.

- দিনিবাহ ক বৈজ্ঞ mimiyāi ke tel, a kind of bitumen brought from Fersia and elsewhere. It is said to be extracted from the heads of coolies who emigrate to the colonies, by hanging them head downwards and roasting them over a slow fire. The threat of extracting it from the head of a child is therefore an active deterrent.
- হাৰেন্দ Rākas, the will o' the wisp; it breathes fire and misleads travellers, but it also lives in the fields, and where it resides grain is produced in abundance.
- हुन्हा Sukhra (north), also चुछैनो sukhaini (North-East Tirhut) a vampire which sucks up children's blood.
- হাজ Hāii (Patna), or ছুন্দা humma (South Bhagalpur), a ghost invoked to frighten children.
- 1459. The उत्तरा utsarg, and also (in Tirhut) बाननोत्या kananotsarg, is the emblematical marriage of a grove to a well, without which preliminary observance it is unlawful to partake of the fruit. The दिखात्या birkhotsarg, and also (in Tirhut) the बेदिक baidik, is the ceremony of marriage performed in the name of a bullock let loose on the 11th day of mourning for a near relative. The ज्ञात्या jalotsarg is the emblematical marriage ceremony on completion of a well or tank. It is married to an image erected close by. In case of a pond it is also called तरागात्या taragotsarg, and on completion of a well नुपान्या kupotsarg. The latter is called in South hagalpur नुप दग kup jag or नुद्दा दान kuvyān dān. नाटोत्या bātotsarg is the ceremony on the completion of a road. No marriage is in this case performed.
 - 1460. Water brought from a sacred river, spring, or place of pilgrimage বীষে (tīrath), is much used in religious ceremonies, and is carried by men called ক্ষমেন্ত্ৰ kamarpanthu. They are also called ক্ৰমেন্ত্ৰ kamwārthu in South-West Tirhut and ক্ষম্ভ্ৰা kamrathua in South-East Tirhut.



DIVISION XIII.

TRADE, MONEY-DEALING, AND ACCOUNTS.

CHAPTER I.—TRADE AND BAZAR ACCOUNTS.

- 1461. Trade is जेन देन len den, महाजनी mahajni, जार बार kārbār or कारोबार kārobār, बे बहार beohār वे यापार beyāpar or बे छोपार beopār, or बिन्ज banij. In Patna City it is also बे बहाराज beohargat. Exchange or barter is अदलई बर्लाई allaī badlaī. A money-lender is महाजन mahājan, बाह sāh or बाहुकार sāhukār, or बे ह्वरिया behwariya. He is also called in the country बिन्या baniya, and in South-West Shahabad खान sāo. In Patna City he is called कारोबारी kārobāri or धनी dhani. A banker is कोठीवाल kothiwal or खास saraf. A borrower is दिनिष्टा riniha, खद्दुक khadduk or खद्का khaduka, or असामी asāmi. In South Munger he is also called म जेरा mujera, in South Tirhut बिन्योटा baniyauta and धारनिक dharnik, and in South Bhagalpur खातन khātab. In Patna the words करन खोक karj khauk and करन खोर karj khor are also used.
- 1462. An account-book is ৰহা bahi. A trader's account-books are called collectively ৰহা বেবা bahi khāta. সাকা jākar in Gaya is a record of cloth sales kept by cloth-merchants. Each page of the account-book is called ঘনা panna, and also in North-East Tirhut ঘনা patta.
- 1463. The following are the books usually kept by village money-lenders:
 - (a) The रोजनामचा rojnāmcha.—This is the day-book. The left hand or credit side of the page is known as जमा jama, and the right or debit side as नौंच nānw or नाम nām.
 - (b) The বালা বহা rokar bahi—Mr. Crooke's description of this is equally applicable to Bihār. It is exactly the same as the বালামনা rojnāmcha. There is only this difference

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that it is balanced after each transaction. For example, the book shows Rs. 1,000 on the credit side; Rs. 100 are disbursed on a certain account. This is entered on the debit (बाकी bāki or बांच nānw) side, and the book is balanced showing Rs. 900 still to credit. This is called रोकड बाकी rokar bāki or बाकी तहाबिल bāki tahbāl, and is again brought forward to credit. North of the Ganges it is called पाजिल phājil. A man who carries on several distinct trades keeps up a separate रोकड बहा rokar bahi for each.

- (c) The বিভা ৰহী lekha hahi, the ভাবো khāta, or ভাবা ৰহী khāta bahi.—This is the ledger, and is made up as time allows from the হালগামনা ৰহী rojnancha bahi. It contains each creditor's or debtor's account separately with a reference to the page of the day-book on which each item has been entereed day by day. Some traders keep up a separate ভাবা ৰহী khāta bahi for each of their trades or speculations, others have only one general one.
- (d) There is also the जमाखरच jamakhurch, which is an abstract of the day-book, and is hence also called a खित्रोंने khatiyauni, and shows the totals of receipts and payments on each page.
- 1464. Small traders generally only keep up the first of these books.
 —the বাৰ্থান্য rojnāmeha or day-book. Very small traders do not even keep this. They have a separate slip of paper containing each customer's account, and called বিভ chit, বিভ তা chittha, or বিভাগ chitthi, or মুখা purja or মুখা purji. In South Munger it is called ব্যৱধ sarkhat.
- 1465. Large traders, such as those in the city of Patna, with whom this work has nothing to do, keep up all the above four books. For the sake of completeness, the following information, founded on that given by Elliot in his Glossary, is added. Quoting Elliot's words (with the necessary alterations to suit local variations). "The page (of an account-book) is divided into two equal parts, called in Patna Interekana: each of these is again divided into two the rukan or the rukan. The (first or) right-hand Interekana is called the Ein hasho. The first right-hand quarter (some say half) of the left-hand Interekana is called the Interekana called the sira, and the remaining portion is called in Patna City

The चौरा sīra contains the sum finally brought to account after the necessary deductions have been made from the gross amount in the पैटा peta and चापो hāsho." In reading the above, it should be remembered that it refers to accounts kept in the Persian character. When kept in the mahājni character, the terms for right and left must be reversed.

CHAPTER II.—ACCOUNTS BETWEEN LANDLORD AND TENANT.

- 1466. These accounts are not usually kept in bound books, but on separate slips of paper, kept together in packets by a paper tape, called বৰ্জন tablak or নিৰ্দ্ধ kaidak.
- 1467. A tenant's receipt for rent is known as ধৌহ rasid or হাজিলা dākhīla, and in North-East Tirhut ল্ৰভ kabaj.
- 1468. The system of accounts differs according as the rent is paid in kind or in cash. Hence two sets of accounts are kept up in a landlord's office. They are the following:—
 - (a) Accounts of rents paid in kind-
 - 1. खसरा दानावन्दो khasra danābandi.
 - 2. खसरा वटाइ khasra batāï.
 - 3. मोपरोद mopharid.
 - 4. जगगीत laggit and वासिल वाकी wāsil bāki.
 - 5. तिरिच जिनसनार tirij jiniswar.
 - 6. सियाहा siyāha.
 - 7. दिसाव विकारो गला hisāb bikri galla.
 - (b) Accounts of rents paid in cash-
 - 8. खस्रा khasra.
 - 9. मोपरोद mopharid.
 - 10. लग्गीत laggit and बासिल बाकी wāsil bāki.
 - 11. तिरिच पटेबारी tirij patewari.
 - 12. सियाचा siyāha.
 - (c) In addition to the above, the following general accounts are kept, which are applicable to both kinds of rent-
 - 13. Himeal molhaki.
 - 14. एड्टा dhaddha or जमा वासिस बाकी jama wāsil bāki.

- 15. जमाबन्दी jamābandi.
- 16. जमाखरच jamākharch.
- 1469. The word factor tiri, met with above, means 'abstract.' In small estates, Nos. 5,11 and 14 are often not used.
- 1470. The following is a brief description of the above accounts:—
 - (1) The खसरा दानावन्दों khasra dānābandi. This is the account paper drawn up in the field when the दाना dāna or estimate of the crop is being made. It contains—
 - (a) The date.
 - (b) Name of tenant.
 - (c) Quantity of land (खाराजी arāji).
 - (d) Length (বুল tūl) and breadth (অহল araj) of the plot.
 - (e) Name of the crop (বিবিৰ jinis) thereon.
 - (1) The quantity of grain estimated.
 - The factority tirij tārikhwār is a daily abstract of No. 1, and shows (in the case of division by appraisement) the total area of land and the quantity of grain estimated daily. The sum of all the daily entries in this paper shows the total area of lands of which the rent is paid in kind, and the produce thereof. This account is only kept when the division of the crop is by appraisement (रानावन्दी dānābandi, see § 913). Some landlords, however, also keep it in the case of actual division on the threshing-floor, as a check on No. 2.
 - (2) When the division is by actual division on the thereshing-floor (आगर नटाइ agor batāi, see § 914), a ख्या नटाइ khasra batāi is opened instead, containing the date, name of tenant, area, kind of crop, quantity, landlord's share cesses, &c.
 - (3) The HITTE mophrad is the bundle of papers in which separate accounts of each tenant are entered. A separate slip of paper is kept for each tenant. It is compiled from the EUT khasra (No. 1). It shows the quantity of each kind of grain belonging to him which was

estimated, date by date. The area of the land under each crop at each estimate is also given. When this is abstracted out so as to show the total area and total crop for each tenant, the abstract is called a tirij mophrād.

- (4) The लिंगत laggit and वासिल बाकी wāsil bāki are written up from no. 3, a separate slip of paper being kept for each tenant. They form a kind of ledger or personal account. The heads are as follows,—the total quantity of each kind of grain and the area of land under each. The total share claimed by all the landlords (चाकिमी चिसा hākimi hissa) is then struck off. From this the shares of the other shareholders, who keep accounts separate from the landlord whose accounts we are considering, is deducted. the remainder the cesses and other dues (अववान abwāb) are added. The total shows the quantity of grain realizable from the tenant by the landlord on whose behalf the account is prepared. This portion of the account showing the demand is called the sima laggit. From the total demand the quantity of grain realized during the year is set off, and the balance, if any, is shown. The whole paper showing demand, realization. and balance is called the वासिस बाकी wāsil bāki. An abstract of the जिल्ला laggit, showing under the head of each kind of grain separately the amount of crop of, and area of land under, that grain owned by each tenant, is called the तिर्ज लिंगत tirii laggit. The abstract of the धासिल बाकी wāsil bāki is the दहता dhaddha (No. 14).
- (5) The বিহিল লিখিবাহ tirij jiniswār is compiled from the অভিন laggit (No. 4). It shows in one entry for each tenant the total area he has under cultivation, and the amount of each kind of crop demanded from him.
- (6) The বিষয়ে siyāha is the day-book of receipts and disbursements of grain. An abstract of this, called the অবাৰে awārja or বাবো wārja, shows the total receipts and disbursements, date by date.
- (7) The ছিন্তা বিলয়ে মজা hisāb bikri galla is the account showing the produce of the sale of the grain received as

rent. It shows the date of sale, quantity sold, rate, and price.

1471. We now come to the accounts of rent paid in cash.

- (৪) ব্ৰহ্ম khasra is the paper in which the area (ie., বুল tāl or length and আৰু araj or breadth) as ascertained by measurement of the lands held by the tenants in a village, together with the rate per bigha or class (uহা patta) of each plot, is enterered. An abstract of this shows the amount measured each day, while the measurement is going on, and is called বিহিল ভাষা tirij khasra. This অমা khasra gives only the measurement of the lands held temporarily on a cash rent, and differs from the regular ভাষা khasra or measurement papers of a village.
- (9) Haria mophrid.—This is similar to No. 3, mutatis mutandis. It shows the area and different rates of rent of the various plots held by each tenant. Each tenant has a separate slip of paper, and all lands for which cash rents are paid, whether temporarily or not, are included in it. It is compiled from No. 8 and No. 10. An abstract of it, called area that tirij mophrid, shows the area of land held and total rent payable by each raivat.
- (10) समित laggit and वासिस बाकी wāsil bāki.—These are similar, mutatis mutandis, to No. 4. They are the ledger account of each tenant. Each tenant has a page, on which is shown the area of his plots, rate of each, rent of each, total area, and total rent. From this the shares of the other sharelolders are deducted, and to the remainder the cesses and dues are added, together with the value of any rent in kind (इमान गला damão calla), due by the raiyat which has not been realized during the year. To this again the arrears of previous years are added, and the total shows the demand against the tenant. The paper thus far is called the जिंगत laggit. From the total demand is deducted the cash rent collected during the year, and the balance is struck to be carried to next year's account. The whole paper showing demand, realization, and balance is called

- the वासिन वाकी wāsil bāki. An abstract of the निश्चन laggit, called the तिश्चिन निश्चन tirij laggit, shows under the head of each tenant separately the total area held and rent payable by him at each rate. The abstract of the वासिन वाकी wāsil bāki is the द्या dhaddhha.
- (11) The तिर्च परेवारी tirij patewāri is the paper in which the name of each ust patta or separate class of land in the village is entered,!!showing the total area, rate and rent of each class. The total shows the total area of land held at various rates in the village. This paper is compiled from No. 10.
- (12) The বিষয়ে siyāha is the same (mutatis mutandis) as No. 6.

 In this the daily receipts and disbursements in cash, including the price of grain sold, are entered. It is, in fact, a cash-book. An abstract of this, called the অবাহনা awārja or বাংলা wārja, shows the total expenditure day by day.
- 1472. The following accounts are applicable to both kinds of rent.
 - (13) The মাজহুৱা molhaki is a ledger account for each tenant, showing date by date all payments (whether in cash or kind) made by him. It is compiled from the বিয়হা siyā ha. An abstract of this, called বিহিল মাজহুৱা tirij molhaki, shows the total payments made during the year by each tenant. The totals of this should agree with the total of No. 12 (the বিষাহা siyāha) on the receipt side. It hence serves as an abstract of the receipt side of No. 12, while the হাবাহনা awārja is the abstract of the disbursement side.
 - (14) The द्वा dradaha is also called the तिरिज वासिस बाकी tirij wāsil bāki or जमा वासिस बाको jama wāsil bāki. It shows the name of the tenant; area of his holding at each rent; amount of rent : additions on account of cesses, unrealized grain rent and arrears of previous years; deductions on account of shares of other shareholders; deductions on account of cash rent realized; and balance. This paper is in fact an abstract of the वासिस बाको wāsil bāki (Nos. 6 and 10). The latter shows the accounts of each tenant

- reparately, whereas the test dhaddha shows all the tenants' accounts on one sheet of paper. This form of account is according to Field* said to have been invented by Udhmant Singh, of Nassipur, in the district of Murshidabad, in order to enable the zamindars to represent the collections as they pleased to the Muhammadan Government.
- (15) The जमावन्दो jamābandi is the paper in which the total annual demand of the village on account of rent is entered. This paper does not usually show illegal demands from the tenants. These are generally shown only in the जमाखान jamakharch (No. 16).
- (16) The जमाखरच jamākharch is the final annual abstract of the financial condition of the village. It shows the total demand, realization, and balance of the year in more or less detail. The demand side shows the balance of previous year, the total demand according to the जमाबन्दी jamābandi (No. 15), and other items of demand (such as fines, illegal cesses, &c.) which do not find their way into the latter. The total is the grand total of the demand for the year. This demand is on the other side of the account again divided into money spent and balance. The money spent includes the portion of the realizations which are forwarded to head-quarters, and the portion of realizations spent on the village and on miscellaneous expenses. The balance is made up of realizations in hand, and for which the village official or the grain-merchant is responsible, landlord's unrealized demand, the latter of which is given in detail Some landlords have two copies of this paper, -one for their own information, containing the illegal cesses, and the other excluding them, so as to allow of its production in court.
- 1473. In the appendix to this work are given translations of the various forms of account as kept by a Patna landlord.

^{*} Law of Evidence, p. 670-

CHAPTER III.—INTEREST, DISCOUNT, AND COMMISSION.

1474. Discount commission are generally सलामी salami. बहा batta is also used south of the Ganges. In Patna they are also called फिरन्ता phiranta. बहुती barhti is a premium. सल्हाई sakrai is a commission of 3 or 6 pies per cent. charged by the acceptor on accepting a bill. नक्राई सक्राई nakrai sakrai is a charge at 8 anas per cent. on a drawer of a bill when his bill is not accepted. जावता सार जोग jābta sāh jog is a commission at one anna per cent. when the bill is accepted in favour of a banker. इंडियाना hundiyāna or इंडियानन hundiyāwan is commission on a bill-of-exchange (इ.स.) hundi). Factorage, or the commission (of one or two pice per rupee) taken by a servant on goods bought for his master is इस्त्री dastāri, or, more commonly, प्रस्त phal. इसासी dalali is brokerage.

1475. Interest is चूह sud. Interest in kind, paid on seed-grain, is आवी āghi to the west and in South-East Tirhut. In South-West Shahabad it is आवन agwan, and in Patna छाड़ा chhāra or कार्नेर karhaur. North of the Ganges generally it is also called सवाद डोड़ी sawāi derhi, in allusion to the rate at which the principal is lent. In the south-east it is वियाज biyāj Elsewhere वियाज biyāj or वियाज beāj is interest on money, which in the south-east is सह इस्ते. समझ asal or मह mur is the capital lent out at interest; but in Shahabad it is also मल mul and in the south-east सहो र्पेया इयें rupaiya. भोनामा monāpha is profit. It is distinguished from interest (which is unlawful for them) by strict Musalmāns. Amongst others, however, the two terms are convertible. Other words for profit are बर्गेन्स barhotri or नामा nāpha in Shahabad, नमा napha or इनतिमा intipha to the west, इनतामा intāpha in the south-east, and बचित bachit in Patna, Gaya, and South Bhagalpur.

1476. पंचा paincha or इष्पेर hathpher is a loan when the exact thing is to be returned. A local variant is पंच painch in South-West Shahabad. It is also called उधार udhār, which properly means a jurchase on credit. कर्जा karja is a money loan. This is also called south of the Ganges कर्ज karj, कर्जाम kariwām, and पंचा paincha. स्थार्श dasgardān or (amongst the educated) स्लाग्दा dastgardān is a temporary loan without interest. स्थार hathpher or (in Shahabad) स्थार्थ उधार hanth udhār is also used in this sense.

1477. A debtor is खद्का khaduka or असामी asāmi. Local names are खद्क khadduk in Gaya and the south-west, मजेरा mujera in Patna, and खातन khātab in South Bhagalpur. A defaulting debtor is जमामार

jamāmār, also धनसार thanmār in Champaran and South-East Tirhut सल्लार malmār in South-West Tirhut, and येखीसार thailimār in South Bhagalpur. Other names are खाड khāu in Saran, खोलार khaukār in South-East Tirhut, and ना देवन na dehan in Patna. The educate I say ना देवस na dehand. Outstandings are लवना lahna. A bad debt is मताल खाता gatāl khāta in Patna and the north-west, and मयाल खाता gayāl khāta in Gaya and the south-west, of which मेल खाता gail khāta in South Munger is a variant. In South-West Shahabad it is also said to be मपताल gaptāl, in Tirhut they say बड़ल भेले būral thelai, and in South Bhagalpur इने मेले dūbo gelai. When an animal or other property is pledged for a debt, it is called to the north-west and in West Tirhut लावन lāwan or लावन भावन lāwan jhāwan. Elsewhere it is भरना bharna or शिरों giron.

1478. To borrow money is सूद पर रुपेश काएव (or कािए लेव or कािए लाएव) sād par rupaiya kārhab (or kārhi leb, or karhi laeb).

CHAPTER IV.—RATES OF INTEREST.

- 1479. A rate of interest is इर dar. The following are the rates of interest charged. Interest at one per cent. is रूप से कड़ा rupai saikra, at two per cent., द्र रूप से कड़ा du rupai saikra, and so on :—
 - (1) Etterha, Exit deorha, or in the south-east Exital deurhiya. This is fifty per cent., e.g., a man borrows five mannds of grain at sowing time and repays in maunds at harvest, without reference to the selling price at the time of borrowing or repayment. This is confined to transactions in grain.
 - (2) सवाइ sawai or सर्वे या sawaiya is twenty-five per cent. as above.
 - (3) বিকাৰী কী মাৰ bikri ke bhāo (north), or মাৰ কী মাৰ bhao ke bhāo (south). also ভাষতা কী ভাষতা asal ke asal in the south-east.—In this grain is lent, and at harvest time an equivalent in grain to the real money value of the grain lent at the time of borrowing is returned.
 - (+) জনানী 'lagāni is giving one rupee's worth of grain and after six months receiving back one rupee two annas worth. In South Tirhut it is also called অৱহাৰণী athrahni.

- (5) पैसे स्पेया paise rupaiya is money interest at one pice per rupee per month. So डिए पैसे स्पेया |derh paise rupaiya is one and a half pice per rupee per month.
- (6) **टকা**হী takhi is money interest at two pice or one **टকা** taka per rupee per mensem. In the south-east it is also called ভাষভাৱী adhanni.
- (7) মঁছহা gandhi is money interest at four pice per rupee per month.
- (৪) ঘ্ৰয়ে charanni is four annas per rupee per annum.
- (9) पचअही pachanni is five annas per rupee per annum.
- (10) इवस्त्र chawanni is six annas per rupee per annum.
- (11) किस्त kist or किस्त वन्दी kist bands is when the total of principal and interest is repayed within a stated time by fixed instalments.
- 1480. The first money received by a shopkeeper during the day is ৰাছনী bohni; also ৰাছনী ৰহ হা bohni batta in Patna and Gaya, and ৰুদ্ধাই banhai in South Bhagalpur. In Patna City it is মঁতীৰ ganthaut or মাঁতা gāntha. A pledge or deposit is মিহা giroñ or ৰব্দিন bandhik. In Patna, Gaya, and South Munger it is মিহা giroñ, in Shahabad মিহে girañ, in the south-west of that district মিহা মাঁত giroñ-gānth, and in South Bhagalpur মিহমা girmi. মহিয়া puriya, or in East Tirhut মহলা purja, is a sealed or fastened-up deposit. ভাৰাছ jākar is goods which are taken away for use, if required, at a wedding, &c. The price is fixed before hand. If the goods are used, this is paid; if they are not used, they are returned, and a pice or two per rupee is paid to the shopkeeper.

CHAPTER V.-MORTGAGE.

1481. A pawn or mortgage is देशन rehan, बन्धिक bandhik, or सक्ष्म makphūl. It is also गिर्दे giraīn in Shahabad and गिरमी girmi in South Bhagalpur. सक्ष्म makphūl is more usually applied to mortgage of land, and the other terms to pawning of moveable articles; but this distinction is not universal. A mortgagor is राश्चि rāhin, and a mortgagee is मुख्या , murtahin, but these words are seldom used. The villagers prefer to use words like खद्दा khaduka, खद्द क khadduk, or

अस्मि asāmi for the former, and महाजन mahājan for the latter. In Patna a mortgagor is मजेरा mujera, and in Shahabad a mortgagee is नेवहरिया beohariya.

and interest are extinguished by being paid out of the profits of the land mortgaged for a fixed period, is परीचा patana, सरीचा अरोचा satana patana, or सरीचा परीचा sadhana patana. सर भाग sād bharna is similar, but the usufruct is only instead of interest, the principal remaining to be paid by the mortgagor. A विका वार्षा (ابیت بالونا) bai bil wafa is a mortgage of property for a fixed period, in which, if the total debt is not repaid within the period, the property becomes the mortgagee's in satisfaction of the debt. Money advanced on the security of standing crops is to the north नागी lāgi.

CHAPTER VI.-MISCELLANEOUS.

- 1483. An invoice or manifest is alway bijak, and also to the east चिट टा chittha or फिरिन्त phirist. Insurance is बीमा bāma, with a variant affar binwa in Shahabad. In the south-west of the latter district it is TUT hunda bhāra. Something additional given to a purchaser is north of the Ganges धतुन्त्रा ghalua or जाभ साभ labh sabh. In South-East Tirhut it is also TH labh, and in South-West Tirhut ataa barkat. South of the Ganges it is generally wil phao or tussus pichhua. A variant of the latter is usus pachhua in the south-east. Another name is grant chutki in Patna. In jug is similarly used by women when making petty purchases, especially of vermilion (Bat senur) and collyrium (first) missi). Other names for this are सँगनी mangni to the west and in South Tirhut, सँगनी चंगनी mangni changni in Patna, जाना घोली lawa gholi north of the Ganges generally, जाना दुन्ता lawa dua in South-West Tirhut, and डॉटी danti बेन्याना beana or नयाना bayana is a handsel given by the buyer to the seller to secure his purchase.
- 1484. महा galla is a hole in the ground or a bag under the shop-keeper's seat in which he keeps his money. To test coin is वृक्तव bājhab, टोक्च thokab, परखन parkhab, जांचन jānchab, नजायन bajāeb, or आंकनन anknab. In the south-east it is परखन parekhab. A money-tester is परखी parkhi or परखिया parakhiya, or चचनेया jachwaiya. In the south-east he is परिख्या parekhiya. In Patna he is परिख्या parikh,

and in Gaya रोकरिया rokariya. To test the correctness of scales is साध जैव sādh leb. In Patna and the south-east it is धारा करब dhāra karab, and in Shahabad पासँच देखल pasangh dekhal. To test a weight is ताइव tārab or साधव sādhab.

1485. Capital is पूँजी punji or पुञ्जी punji, and capital out at interest is बयाज biyaju or बे बाज beāju. It is also called सुदी उपया इवेतं rupaiya. The adjustment of accounts is बुम्तार्थ bujharath north of the Ganges, and क्याई saphāï south of it. In South-West Shahabad it is बुम्तीचा bujhauta To test the entries is जाँच जेव jānch leb or मिला जेव mila leb. The testing is in Shahabad जाँच मिलान jānch milān. A release in full is पारस्ती phārkhatti or परस्ती pharkatti. In the north-west they say in such a case समतान हो गोल bhubhtan ho gail, and in the east of Tirhut they say his account is साम काम ग्रेक sāph, and in Patna that it is बे बाज भेल bebāk bhail. In Patna they say बही पर से नाम उत्तर गेल bahi par se nām utar gel, and in South-West, Shahabad नाम धेरल गेल nām gheral gail, alluding to the custom of encircling the name with a line when the account is cleared off.

1486. To become bankrupt is হ্ৰাজা নিজ্মৰ diwāla niksab, or হ্ৰাজা ৰূপ ছা লাঘ্ৰ diwāla sudh ho jāëb. To make a man a bankrupt is হ্ৰাজা নিজ্মৰ diwāla nikāsab. A bankrupt is হ্ৰাজিয়া diwaliya. In Tirhut they would say of such a man ৰাজ ভাৰু মজিন্ছ sak ukhr gelainhi or হ্ৰাজা ভাৰাছ মজিন্ছ diwala ukhari gelainhi. In all the above the word may also be spelt হ্ৰাজা dewāla. In Patna they say আৰহ তাত ভাৰাছ okar tāt ultal hai, in allusion to the custom amongst bankers of a bankrupt turning up one corner of his mat and sitting on it, as a notice of his condition. The action is equivalent to putting up the shutters in England. In connection with this it may be mentioned that Patna is famous for its bankrupts, as in the lines commemorating the three rascals of Bihār:—

भागलपूर के भगेलिया, कहलगाँव के उग, पटना के दिवालिया, तीनो नामजद, सुने पाने छपरिद्या, सौनो के तूरे रग.

Bhāgalpūr ke Bhageliya, Kahalgānw ke thag, Patna ke diwāliya, tino nāmjad, Sune pāwe Chhaprahiya, tino ke tūre rag.

—The Bhagels of Bhagalpur, the thags of Colgong, the bankrupts of Patna, are all famous (sharpers); but if a man of Chhapra hears this, he will beat them (lit. burst their veins) all (at their own weapons).

1487. A bill of exchange is ভূডৌ hundi or ক্লভৌ পন্ম hundi patri also in Gaya and the south-west uat patri. The duplicate of the bill is ve painth. Also, in Patna City, de peth. The third duplicate is पर्पंड parpainth or पर्पंड parpeth, and the fourth जिन्नरी jikri or जिमरी jigri. This last is also a letter to a person other than the drawer for the acceptance of his endorsement by the drawer. A letter of advice is समाचारी चिट्टी samāchāri chitthi. A bill payable at sight is द्रसनी darsani. In Patna such bills by custom bear eleven day's date. payable after a future date, it is भियादी miyadi or महती mudati. One payable five days after sight is called un until pahunch parman or (in Patna City) पहुँचे दास pahunche dām. The address at the head of a banker's letter is जोग jog or सिर्नामा sirnāma. A bill paid and discharged is खोखा khokha. In Patna it is also समाधान bhugtān, and north of the Ganges HHRIF bhubhtan. To accept a bill is Easte sakarab. The date on which a bill falls due is called find mitti, which indeed in mercantile transactions is the general word for dates of all kinds.

1488. A warehouse is मोदाम godām. हरजा harja is demurrage. महम् ल mahsul or मासू ल māsūl is customs, postage, or railway freight, &c. A price-current is निरख नामा nirkh nāma. Cash or specie is नगर् nagad, नगरा नगरी nagda nagdi, or रोक rok. पावना pāwna is a claim, and रसीद rasid a receipt टक्क बाल taksāl is a mint. Merchandise is सीदागरी के माल saudāgri ke māl. Imports are सामहनी āmdani, and exports रफतनी raphtani.

DIVISION XIV.

WEIGHTS AND MEASURES.

CHAPTER I .- MEASURES OF LENGTH.

1489. The অন্ধ angul is a finger-breadth, equal to about two-thirds of an inch. The width of the four fingers of one hand, i.e., four অনুত্ৰ angul, is called a বীআ chaua. Instead of this, a measure is used in Shahabad called মুৱা muttha, which is the width of the closed fist. Twelve finger-breadths make one span, which is বিলা bitta or বিজ্ঞা bilasta, or to the north-east বিজ্ঞা bilast, to the south-east বিজ্ঞা bilast. South of the Ganges a still smaller scale is current. A चूल sut is the thickness of thread.

- 3 सूत sut = 1 पेन pain.
- 3 पेन pain = 1 finger-breadth.
- 1490. In Shahabad and Patna in measuring wood however, a বাধ্য tassur equals two finger-breadths, and fourteen of these make one মাৰ gaj or ছাম hāth (wood measure). Twenty-four finger-breadths, or six বীলা chaua, or two বিশা bilta, make one হাম hāth or হাম hāth, which is a cubit. The হাম hāth is the standard from which the others are taken, and varies from 15 to 20 inches in length, 18 inches being the average.
- 1491. Two cubits make one हेंग deg or pace, and also one मज gaj or yard. A शिरह girah, शिरह gireh or शिरे gire is the length of the forefinger, and 16 go to a गज gaj. Another name for a शिरह girah is कार्यों kanwān in Patna and Gaya. Three गज gaj or six cubits make one जार lagga or जाती laggi, which is also called बॉस bāns

south of the Ganges, and west lattha in South-West Shahabad. Another no gaj is the Ganges in Sikandri gaj, also called at no bara gaj or agai no barka gaj, which is 2½ cubits north of the Ganges and 48 fingers or 2 cubits south of it. It was the yard used in land measuring until Akbar's time, and properly equals 26 inches, but has become in the village mind confused with the at no bara gaj. This is the tailor's yard, and is called by them and no kutai gaj or and no katti gaj. Akbar introduced as the standard measure of the empire the tait no ilāhi gaj, equal to 33% inches, which is still in use in the North-West Provinces.

- 1492. In South-East Tirhut and Patna वाप dhāp equals हैं त deg or कहम kadam, a pace, but elsewhere north of the Ganges and in the south-east it is about half a कीस kos; see below. Another name of this last is मैंच mail or मोच mīl, a corruption of the English 'mile.' The tent rassi or tent rassi is equal to 20 जाती laggi or 120 cubits. In South-West Shahabad 70 cubits make a tent rassi. Generally 60 tent rassi make one कीस kos, but in South-West Shahabad it is 50 tent rassi. The कीस kos varies greatly in length in different districts. An ordinary कीस kos is however 60 tent rassi, 1,200 चार्ती laggi, or 3,600 गण gaj or yards, or 80 yards, more than two miles. The गोकीस gaukos is a vague measure of distance, as far as a cow's bellow can be heard. A कसा कीस kachcha kos is a short कीस kos, and साथ dhāp (see above) is generally about a mile.
- 1493. A cubit used in measuring earthwork and well-sinking is বাহা tarha to the north-west and ভাৰিন khanit (literally, digging) in the south-west. In South-West Shahabad and South-East Tirhut it is ভাৰা khanta. In Gaya it is বাহা tarra, and to the south-east নিজনালী gilandāji (which means simply earth-work). In digging a well the depth is measured in men's heights, called users, &c. See § 923.
- 1494. The following table shows the ralative value of the principal measures of length.

Suf or thread.	••		38	168	216	432	1,296	26,920	1,555,300
	Pain		13	98	м	144	432	8,640	6,18,400
	1 7	Anguli, or finger-breadth.	*	13	24	48	441	2,880	1,72,800
			Сваиа	ေ	e e	123	88	720	43,200
				Bitta, or span	2	4	12	540	14,400
					Hath, or cubit	67	60	120	7,200
		*,				Gay, or yard	8	99	3,600
							Laggi, or rod	30	1,200
							·	Rassi	09
									Kos, i.e., 2 miles 80 yards.

CHAPTER II.—SUPERFICIAL MEASURE.

1495. The uকা বিষয়া pakka bigha is fixed at 14,400 square feet, or 1,600 square yards. It is therefore a little less than i of the English acre of 4,840 square yards. The কৰা বিষয়া kachcha bigha varies in every pargana; it is generally smaller than, but is sometimes larger than, the standard. The foundation of the size of the bigha is the जागी laggi (see above. § 1491), which varies greatly in the number of cubits which it contains. A square जागी laggi is a মু dhūr. Twenty ম dhūr make one কহুৱা kattha, and 20 কহুৱা kuttha make one বিষয়া bigha. In Shahabad a কহুৱা kattha is called a বিষয়া biswa. In East Tirhut a বিষয়া bigha is also called ক্য়া kūro North of the Ganges 4 মাহ pāi make one ম dhūr; south of it—

9 square चौचा chaua make । sq. डेंग deg or कहम kadam.

9 ,, **हो**स

1 sq. Tt dhūr.

CHAPTER III.—MEASURES OF PROPORTION.

1496. Proportion is generally expressed by saying so many annas in the rupee. Thus 10 annas in the rupee = 10:16, 4 annas in the rupee = 1:4; 8 annas in the rupee = 1:2; and so on. In calculating proportionate shares in estates, two systems are in vogue. In both the estate (मोजा mauja or महाज mahāl) is the unit. In one system the following is the scale:—

I मौचा mauja or महास mahāl = 16 खाना āna.

1 खाना $\bar{a}na = 20$ हास $d\bar{a}m$.

। शाम dām = 20 कोड़ी kauri.

1 कौड़ी kauri = 20 बीड़ी bauri.

1 बौड़ी bauri = 20 फोड़ी phauri.

1 फोड़ो phauri = 20 रोड़ी rauri.

The other system is as follows:-

1 मीचा mauja or महाल mahāl = 16 खाना ana.

ी ब्याना āna = 12 पाइ pāi.

ो पाइ pāi = 20 कराँत karānt.

ो कराँत karānt = 20 मसाँत masānt.

1 मर्वात masant = 20 डिसमिन dismal (? = decimal).

1 विसमित dismil = 20 विसमित bismil.

The first system is called the Hindustani, and the second the English system.

CHAPTER IV .- MEASURES OF WEIGHT.

1497. 25 हास dām are counted to the pice (पैचा paisa). A हमड़ी damri is a nominal coin equal to 8 दे हाम dām. The खद्दी addhi is half a हमड़ी damri. The टक्का takka or टका taka = 50 हास dām or two pice, and the खद्दीचा adhela or (in South-West Shahabad) खद्यज्ञा adhela, is 12 दे हाम dām, or half a pice. The होकड़ा or होकरा dokra or इहाम chhadām is 6 दे हाम dām, or दे of a pice. A pice is also called द जुजा dhebua or (in Gaya) कचा kachcha. The छहाम chhadām or sixteenth part of an āna is also called कनवर्दे kanwaī, कनवां kanwān or छटाँक chhatānk. The following table will make this clear.—

Dam.	os os	*	134	25	20	100
	Damii.	cq.	*	ω	16	32
		Chhadam.	69	*	80	16
			Adhela.	æ	4	œ
				Paisa or pice.		
					Tako.	* 1 S
						4nooranna,

1498. In weighing, the Tal ratte of 1.875 grains Troy is taken as the standard. From this the following scheme may be drawn up :-

> 8 Tal ratti = 1 HIET māsa = 15 grains Troy.

= 1 and tola = 7 dwt. 12 grains Troy or 12 मासा māsa the weight of one

rupee.

= 1 कनवाँ kanwān or क्टॉक chhatānk = loz. 5 तोला tola 17 dwt. 12 grains Troy.

16 क्नवाँ kanwan or क्टॉक chhatank = 1 सेर ser = 21b. 6 oz. Troy.

40 da ser = 1 #7 man = 100lb. Troy = 82.286lb. Avoirdupois. This is the standard मन man or maund, and 27.222 of these go to the English ton.

For larger weights the str is the standard. In local bazars it varies greatly, not only according to locality, but according to goods sold. The bazar fix ser is named as containing so many net ganda, a nut ganda consisting of four affect tola or sometimes four pice, and being a constant quantity.

1499. In weighing gold, jewels, &c., the standard is the red seed (abrus precatorius) called the करजनी karjani, जाल lat, or कची रती kachchi ratti. It is said to weigh three barleycorns (जो jau).

The jeweller's scale is as follows:-

3 sit jau = 1 जान lal.

4 ditto = 1 रत्ती ratti.

2 जान lāl = 11 रत्ती ratti.

4 रती ratti = 1 चीरती chauratti.

ditto = 1 अभी anni. 51

= 1 मासा māsa, मसा massa, or मसिका masika = 8 ditto15 grs. Troy.

= 1 इस्रज्ञी duanni: 101 ditto

- 8 दुखानी duanni or 104 मासा māsa = 1 दन dhak or (in South-West Shahabad) trat dhāka, which is the weight of a rupee = 6 dwts. 63 grs. Trov.
- 12 मादा māsa = 1 तोला tola = 7 dwts. 12 grs. Troy. Here is will be seen that the jeweller's rupee is less than a tola.

1500. The following weights are common throughout Bihār:—

Example Chhatanki = 16 of a ser.

अधपर्दे adhpai, अधपाज adhpāii, or अधपीआ adhpaua = $\frac{1}{8}$ of a ser पान pāwa, पाना pāwa, or पीआ paua = $\frac{1}{4}$ of a ser.

ख्यसेहा adhsera or असंहा asera = 1 a ser.

तिनपाँचा tinpaua = है of a ser.

सर्वेद्या sawaiya, properly 11 ser; really 1 of a पर्वेशे paseri.

केटियेश derhseri = 11 ser.

अढ़ा arha, अढ़ेया arhaiya, properly 21 ser; really 1 of a पसेरी paseri.

तिनसेरा tinsera or तिनसेरी tinseri = 3 ser.

चासेरा charsera or चरसरी charseri = 4 ser.

पहेरी paseri, also (in Shahabad) पनसेश pansera, or पनसेश panseri. This is properly 5 ser, but varies greatly. It is usually said to be 7 ser kachcha, but is sometimes only 5 or 6. Vegetable-sellers generally call it 6 ser.

util dhara = 10 ser. In Shahabad it sometimes means 5 ser.



0-

FORMS OF ACCOUNTS USED IN A LANDLORD'S OFFICE IN PATNA.

1.

खसरा दानावन्दी Khasra Danabandi.

YEAR.-

Khasra Danabandi of the

Crop in the Estate of

DATE-

Name of tenant.	Length.	Breadth.	Area of plot.	Kind of crop.	Amount of crop estimated.
, *	۷		-		
45	*				

la.

तिरिन तारीखनार Tirij Tarikhwar.

YEAR-

Tirij Tarikhwar of the Khasra Danabandi of Village

Date.	Total area of crop estimated.	Total amount of crop estimated.

खसरा वटाइ Khasra Batai.

YEAR

Khasra of Division of

Crop in the Estate of

DATE-

Name of tenant.	Area.	Kind of erop.	Amount of grain.	Landlord's	Dahiyak,*	Pansera.†	Total of columns 5 to 7.
		-					
* .							

22.

Abstract of the above.

(1) Date	***	344	•••	7		
(2) Area		***	***			
(3) Total	amount of	grain	***			
	ord's share	•••	***			
	a dahiyak		***	•••		
(6) पगखे	II panserat	•••		}		
(7) Total	•••	***	***	•••	In the orig	
(8) सीना	A sonari	weighman	's fees)		columns run page instead	
(9) যাক্ল	अफन द ga	nj aphjud	‡ ···	***	top to botto	m.
(10) वही य	barki §	***	***	948		
	saddhi	***	est	***		
(12) Total	• • • •	***	***	•••		
				-		-

^{*} Vide foot note to form (5).

[†] After the division of crop, dahigak is added to the landlord's share, to which again 5 seers are added, that quantity being taken from the tenant's share under the name of

I Grain found in excess at the time of second weighment on the floor after the grain has been taken over by the landlord.

[§] Grain found in excess at the time of third weighment, when the grain has been carried to the landlord's granary.

Grain found in excess owing to swelling, &c., when the whole amount of grain stored has been sold off,

मोषरीद Mophrid.

YEAR-

Mephrid of the Rent in Kind for the

Crop.

NAME OF TENANT .--

Black Paddy.

Date of Estimate.	Area.	, i	\mathbf{A} mo	unt of Crop	
	1,		 i i i	***************************************	

Paddy Sown Broadcast.

Date of Estimate.	Area.	Amount of Crop.		
. 1				

Basmati Paddy.

Date of Estimate.	Area.	Amount of Crop.

and so on for every kind of grain in the tenant's holding.

Total Area.				Total Amour	nt of Grain.
		2-			and the second seco
. :		· · · · · · · · · · · · · · · · · · ·		-	

3a.

Abstract of the last.

YEAR-

Name of Tenant.	Total Area.	Amount of Crop.

4.

निगत Laggit and वासिन वानी Wasil Baki.

YEAR-

Laggit of Rents paid in Kind for the Whole Year.

NAME OF TENANT .-

Kind of grain.	Area.	Total grain.	Share of landlord.	Dahiyak.*	Total due.	Realized.	Balance.

4a.

Abstract of the last.

YEAR.-

Black Paddy.

Name of Terant.	Area.	Amount due.
		* * * * * * * * * * * * * * * * * * *
		•

White Paddy.

Name of Tenant.	Name of Tenant. Area.	
		·

तिरिच जिनिखवार Tirij Jiniswar.

YEAR .-

Tirij Janiswer for the Village of

- 1. Name of tenant.
- 2. Area under cultivation.
- 3. Grain due.
- 4. Dahiyak.*
- 5. Total.
- 6. Amount of maize.
- 7. Ditto of marua.
- 8. Ditto of sathi paddy.

and so on, a separate column being allotted to each crop.

In the original, the form runs cross the page in columns, and not from top to bottom.

6.

सियाचा Siyāka.

YBAR .-

Day-book of Receipts and Disbursements of Grain,

DATE .-

Receipts.	Disbursements.	Amount.
From so and so— Sathi paddy 5 maunds Broadcast paddy2 , 7 maunds	Fent to the landlord Sold, viz.	*****
From so and so	Total Mds.	
Total Mds	Balance Mds	

^{*} This is the amount the slandlord receives in addition to his half share. South of the Ganges he generally realizes 5 ser per man, i.e. he receives 9 ser in every 16 ser, the tenant' share being 7 ser. This division of crop is called " नीस्ता nausatta." i.e. 9—7 See § 906.

6a.

Abstract of above, or अवार्जा Awaria.

RECEIPTS.		Expenditure.			
Date.	Amount	of Grain.	Date.	Amoun	t of Grain.
ē					
		• 1		er .	

7.

श्विसाव विकरी गस्ता Hisab Bikri Galla.

YEAB .-

Date.	Amount sold.	Rate.	Price realized.

GUT Khasra.

YEAR.-

Khasra showing the Measurements of Lands let at Cash Rates in the Village of

DATE .-

Name of Tenant.	Length.	Breadth.	Area.	Class of Land or rate per bigha.
		,		
*			,	
			Parallel State of the State of	

8a.

Abstract of the above.

YEAR.

Tirij Khasra showing the Measurements of Lands let at Cash Rates in the Village of

	Date.	Area.	*
*			

मोपरीइ Mophrid.

Mophrid of the Lands paying Cash Rates in the Village of

YEAR.-

NAME OF TENANT.

At Rs. 4 per ligha.

Date of Measur	ement.	Area.	
	-		
		- * * * * * * * * * * * * * * * * * * *	
Date of Measure		per bigha.	
Annual Control of Cont			
	The second section of		

9a.

Abstract of the above:

YEAR.

Tirij Mophrid of the Lands paying Cash Rates in the Village of

Name of Tenant.	Area held by him.	Rent.
Apalaguninga mengkan mengkan pengangan pengangan pengangan kelabah berakan berakan berakan berakan berakan ber		
		*

10.

बाग्गित Laggit and वासिल-वाकी Wasil-baki.

YEAR.-

Laggit of Rents payable in Cash in the Village of
NAME OF TENANT.—

Class of land held by him.	Area.	Rate of th	ne class.	Rent.
	* *			
Total rent		***	314	
Cesses Value of unrealized		or the year	204 012	***
Arrears of previous	years	***	***	•••
Total demand	• •••	***	340	***
Deduct realizations	•••	<u>.</u>	***	
Balance to be carrie	d to pext year	s account		•••

10a.

Abstract of the above.

YEAR.-

तिरिज जग्गित Tirij Laggit of Lands paying Cash Rates in the Village of At Rs. 4 per bigha.

Name of Tenant.	Area.	Rent.
		* * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * *		
	At Rs. 3 per bigha.	× × × × × × × × × × × × × × × × × × ×
Name of tenant.	Area.	Rent.
	-	

and so on for each rate of rent.

11. तिरिज पर वारी Tirij Patewari for the Village of

Class of Land or Degrees of Rate.	Area.	Rate.	Rent.
lat class ,	*** 7 88	214 224	
2nd do		*** ***	
And so on		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

सियाहा Siyaha.

YEAR .-

Day-book of Receipts and Disbursements of Cash.

DATE.

	RECEN	PTs.	EXPEND	ITURE.
Name of	f Tenant.	Amount paid.	Description of expenditure.	Amount.
-				
				* .

BALANCE.

12a.

Abstract of the above, or अवारना Awarja, showing Expenditure only.
Amount sent to Landlord.

Date.		Amount.	

Salary of Village Establishment paid.

Date.		Amount.
	:	
¥ *		
	0*	*
,		
शिवनदानी Gilandaji Expenses	(Repairs to	Embankments, &e.)
Date.		Amount.
2		
*		
	lied to the; Landlord).	
Tate.		Amount.

मोलच्को Molhaki.

YEAR,

Molhaki of Payments in Cash and Kind for the Whole Year.

NAME OF TENANT .-

Cash Pa	YMENTS.	PAYMEN	IIS IN KIND.
Date.	Amount.	Date.	Amount of Grain.

13a.

Abstract of the above.

YEAR.

Name of Tenant,	Total amount paid by him in cash.	Total amount paid by him in kind.

दृष्ट्र Dhaddha.

(In the original, the columns run across the page, instead of from top to bottom. The various cesses, &c., named are only samples, and differ in every village.)

YEAR.

Dhaddha Wasilbaki for the Whole Year in the Village of

- (1) Name of tenant.
- (2) Area of holding in subheads according to rate and class.
- (3) Rent.
- (4) दुखानी duanni.*
- (5) Weighman's fees (ভানামী sonari).
- (6) काइ चराइ kah charai.+
- (7) कोटी सोंश kothi sora.
- (8) मोतरफा motarpha.§
- (9) विकारी आम bikri am (price of manges).
- (10) are tar (rent of toddy-palms.)
- (11) Rent for mahua trees.
- (12) महजी machhli (fishery-dues.)
- (13) Total of above.
- (14) agt Him batta mal.
- (15) azī कस्पनी batta kampani.||
- (16) Road-cess.
- (17) Unrealized grain-rent.
- (18) Arrears.
- (19) Grand total of demand.
- (20) Deduct share of other landlords.
- (21) Remainder, i.e., दिस्सा खास kissa khas (own share).
- (22) Realized.
- (23) Balance due.
- (24) Credit, realized in excess.

^{*} See § 1201.

[†] Dues for grazing cattle. All cattle, except buffaloes, are generally exempt. Each buffalo is charged at from 2 to 4 annas a year. See § 1151.

[‡] Rent of a saltpetre factory.

[§] Rent of houses occupied by shopkeepers, oil-men, weavers, and other non-cultivating tenants. See § 1201.

^{||} See § 1202. These are only charged on rent of land and on old settlements of other kinds. For instance, if a new settlement is made of toddy palms, it is made in Company's rupees, and no exchange rate is added to the rent. The addition of a rate of exchange, in fact, depends on whether the settlement is made in old coinage or in new; and according to custom, rent of land is generally settled, even at the present day, in the old coinage, but not se other rents.

70

चामावन्दी Jamabandi.

Jamabands of Village

for the Whole Year

F. 08

Note.—The order of the items has been reversed for the sake of clearness. In the original, according to native custom, the totals are written first, and under them the subsidiary items. For a similar reason imaginary figures have been written against the various tems.

			7.						Area.	Demand.
									В. к. рн.	Rs. A. P.
Land of 1st class, at Rs. 4 Ditto 2nd aitto Rs. 3 Ditto 3rd ditto 2.8 Ditto 4th ditto 2 And so on.	* : : :		:::::	::::		• • •	::1:	: : : :	200 0 0 800 0 0 500 0 0 500 0 0	800 0 0 2,400 0 0 1,250 0 0 0 1,000 0 0
Total area under cultivation Add area not under cultivation	1		:::	,	::		::	: :	2,000 0 0 100 0 0	
lotal area of village	:		:	:	•		:	:	2,100 0 0	ton.
Total rent-domand Add cesses (only legal ones entered here)	6.9.	fishing	rights.	Cf. § 1 <u>2</u> 32	:::		:::			5,450 0 0 300 0 0 250 0 0
			-	Total damand under jamabandi	d under	jamaba	ndė	1	******	0 0 00049

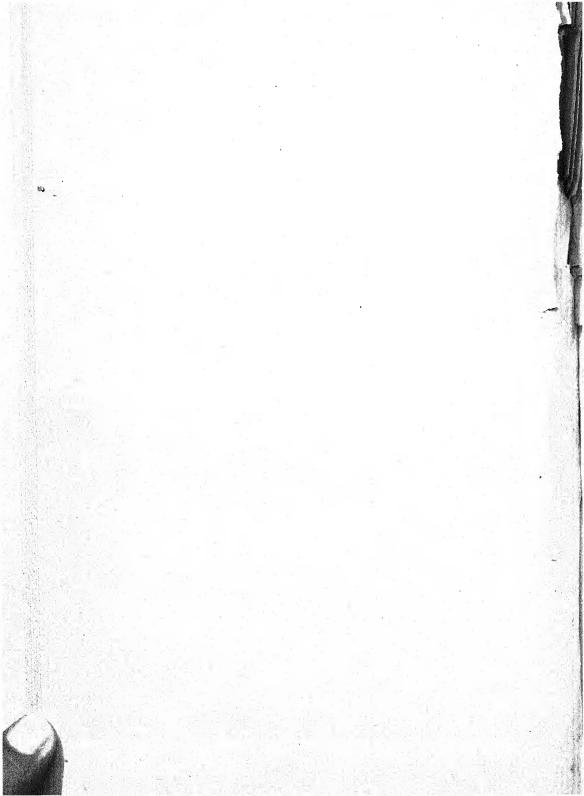
16. जनाखर्च Jamakharch.

Jamakharch of Village for the Whole Year F. S.

Note.—The order of items has been reversed as in No. 15, from which also the imaginary figures are carried into this form.

DEMANDS.			Our goings.		
Nature of Demands.	RS. A. P.	Rs. A. P.	Nature of Outgoings.	Bs. A. P.	Bs. A. P.
Balance of arrears of previous year's jama-kharch-			Realized in cash and remitted to landloid 4,000 0 0	4,000 0 0 500 0 0	
(a) Principal (b) Interest thereon, and fines. &c., on	300 0 0		Total remitted to landlord	****	4,500 0 0
defaulters in respect to it	20 0 0	0	Salary of establishment finaerist gilandaii* expenses	500 0 0 247 0 0	
TOTAL DESCRIPTION		0 0 000	And so on. Total village expenses	111	747 0 0
Demand for present year— (a) As per jamabandi	0 0 000'9	-	Miscellaneous expenses— प्रियोम् प्रकांभु००१क †	150 0 0 3 0 0	
(b) Not in jama! and: (Here are entered in detail all illegal cosess, s.c. which have		*	tail. ous expenses		153 0 0
been excluded from the juma-	400 0 0	• ;	Balance— With the gumushta (in hand)	20 0 0	
	-	- 1	Due from the benancs (each tenancs name in detail) With the grain-merchant,	1,100 0 0 200 0 0	
Total for present year		6,400 0 0	Total balance		1,350 0 0
GRAND TOTAL OF DEMAND		6,750 0 0	GRAND TOTAL	:	6,750 0 0

This last balance is technically called estrict lagi-† Price of water supplied by a neighbouring landlord for irrigation. * See No. 12a



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(The numbers refer to paragraphs.)

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